

HOME PETROLEUM 17-1A FEDERAL
SW NE 17-38N-10W MOHAVE

705

COUNTY MOHAVE AREA _____ LEASE NO. Fed A7919

WELL NAME Home Petroleum 17-1A Federal

LOCATION SW/NE SEC 17 TWP 38N RANGE 10W FOOTAGE 1980 FNL & 2100 FEL
ELEV + 4565 GR _____ KB _____ SPUD DATE 5-5-80 STATUS P+A 6-30-80 TOTAL _____
COMP. DATE 6-27-80 DEPTH 3125

CONTRACTOR _____

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
_____	_____	_____	_____	_____
_____	_____	_____	_____	DRILLED BY CABLE TOOL _____
_____	_____	_____	_____	PRODUCTIVE RESERVOIR _____
_____	_____	_____	_____	INITIAL PRODUCTION _____

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	

Sample Tops:

Alluvium	0'			
Moenkopi	250'			
Kaibab	865'			
Toroweap	1240'			
Coconino (?) <i>Missing</i>	1650'			
Hermit	1740'			
Quantoweap	2440'			
Fault (?)	2643'			- This was picked on the drilling
Pakoon	2790'			problems of the large samples and loose
Fault (?)	2830'			sand caving in and bridging off the
Callville	2855'			hole in this area.
T.D.	3125'			

ELECTRIC LOGS

LOG NO.	DATE	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

REMARKS Confidential until 1-7-81

SAMPLE DESCRP.	<input checked="" type="checkbox"/>
SAMPLE NO.	<u>1812*</u>
CORE ANALYSIS	_____
DSTs	_____
APP. TO PLUG	_____
PLUGGING REP.	_____
COMP. REPORT	_____

WATER WELL ACCEPTED BY _____

BOND CO. Highlands Insurance Co. BOND NO. 99 03 45
DATE 2-25-80
BOND AMT. \$ 25,000.00 CANCELLED _____ ORGANIZATION REPORT
FILING RECEIPT 1766 LOC. PLAT WELL BOOK PLAT BOOK
API NO. 02-015-20008 DATE ISSUED 4-16-80 DEDICATION W/2 NE/4

PERMIT NUMBER 705

CONFIDENTIAL

(over)

Release Date 6-27-81

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir OR Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: Home Petroleum Corporation
 Address: 2600 North Loop West, Houston, Texas 77092
 Federal, State or Indian Lease Number or name of lessor if fee lease: Federal A 7919
 Well Number: 17-1A
 Field & Reservoir: Wildcat
 Location: 1980' ENL & 2100' FEL
 County: Mohave
 Sec. TWP-Range or Block & Survey: Sec 17-T38N-R10W

Date spudded 5-5-80	Date total depth reached 6-27-80	Date completed, ready to produce P&A	Elevation (DT, RKB, RT or Gr.) 4565 GR	Elevation of casing hd. Range 4560
Total depth 3125	P.B.T.D. NA	Single, dual or triple completion? NA	If this is a dual or triple completion, furnish separate report for each completion. NA	

Producing Interval (s) for this completion: NA
 Rotary tools used (interval): 0-3125'
 Cable tools used (interval):
 Was this well directionally drilled? No
 Was directional survey made? Yes
 Was copy of directional survey filed? No
 Date filed:
 Type of electrical or other logs run (check logs filed with the commission): Logging Attempts Unsuccessful
 Date filed:

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Am't. pulled
Conductor	17 1/2	13 3/8	68	47	120	0
Surface	12 1/4	9 5/8	36	900	356	0
Intermed	8 3/4	7	26	2491	850	1275

TUBING RECORD				LINER RECORD			
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		
			NA				NA

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION NA

Date of first production: _____
 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): _____

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold): _____

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the.....Drilling-Engineer.....of the Home Petroleum Corporation.....(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: August 5, 1980
 RECEIVED
 AUG 7 1980
 Signature: *Steve C. Parton*

O & G CONS. COMM. STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 File One Copy
 Form No. 4
 Permit No. 705

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
See Attached	Mud Log.		

* Show all important zones of permeability, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

- Attach drillers log or other acceptable log of well.
 - This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.
- Form No. 4

Electric Logging: No logs run.
 Date Spud: May 5, 1980
 Date Completed: June 30, 1980
 Disposition of Well: Plugged and abandoned
 T.D.: 3125'
 Casing: Set 13 3/8" at 47'
 Set 9 5/8" at 900'
 Set 7" Csg at 2491'

Pulled 7" Csg.

Plugging data: Set plug at 2488' - 2300' w/ 200 sks
 Set plug at 868' - 766'
 Set 50 sack plug at surface

Plugged and abandoned: June 30, 1980.

Sample Tops:

Alluvium	0'
Moenkopi	250'
Kaibab	865'
Toroweap	1240'
Coconino (?)	1650'
Hermit	1740'
Quantoweap	2440'
Fault (?)	2643' - This was picked on the drilling
Pakoon	2790' problems of the large samples and loose
Fault (?)	2830 sand caving in and bridging off the
Callville	2855' hole in this area.
T.D.	3125'

Hole Deviation:

493' - 2 1/4°	2053' - 4°
627' - 3°	2116' - 4°
719' - 4°	2176' - 3 1/2°
749' - 4°	2246' - 2 1/2°
900' - 3 1/4°	2360' - 2 1/4°
1512' - 4 1/4°	2427' - 1 3/4°
1660' - 4°	2487' - 1 1/4°
1876' - 5°	2550' - 1°
1907' - 5°	2640' - 1 1/4°
1967' - 5°	2733' - 3/4°
1995' - 5 1/2°	3103' - 7°
2026' - 4 1/4°	

*Home Petroleum
 Federal 17-1A
 Mohave Co.
 705*

PLUGGING RECORD

Operator Home Petroleum Corporation		Address 2600 North Loop West, Houston, Texas 77092	
Federal, State, or Indian Lease Number, or lessor's name if fee lease. Federal A 7919		Well No. 17-1A	Field & Reservoir Wildcat
Location of Well 1980' FNL & 2100' FEL,		Sec-Twp-Rge or Block & Survey Sec 17-T38N-R10W	County Mohave
Application to drill this well was filed in name of Home Petroleum Corporation	Has this well ever produced oil or gas No	Character of well at completion (Initial production): Oil (bbls/day) Gas (MCF/day) Yes Dry?	
Date plugged: 7-1-80	Total depth 3125'	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls/day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement
Dry Hole			

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
13 3/8	47	0	47		
9 5/8	900	0	900		
7	2491	1275	1216	1275 (KB) Jet Cut	

Was well filled with mud-laden fluid, according to regulations? **Yes** Indicate deepest formation containing fresh water. **None encountered**

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
Home Petroleum Corp.	2600 North Loop West, Houston, TX 77092	

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Not Applicable

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Drilling Engineer of the Home Petroleum Corporation (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

August 5, 1980
Date

Steve Porter
Signature

Permit No. 705

Form No. 10

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Plugging Record
File One Copy

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat

OPERATOR Home Petroleum Corporation **ADDRESS** 2600 North Loop West, Houston, TX 77092
 Federal, State, or Indian Lease Number
 or Lessor's Name if Fee Lease Federal A 7919 **WELL NO.** 17-1A

LOCATION 1980' FNL & 2100' FEL, Sec 17-T38N-R10W
Mohave County, Arizona

TYPE OF WELL Dry Hole **TOTAL DEPTH** 3125'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____

LAST PRODUCTION TEST **OIL** _____ (Bbls.) **WATER** _____ (Bbls.)
GAS _____ (MCF) **DATE OF TEST** _____

PRODUCING HORIZON _____ **PRODUCING FROM** _____ **TO** _____

1. COMPLETE CASING RECORD

13 3/8" @ 47'
 9 5/8" @ 900'
 7" @ 2491'

RECEIVED

AUG 7 1980

O & G CONS. COMM.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

1. Set 200 sx cement plug @ 2453' (DP open-ended, hole empty).
2. Set 7" bridge plug @ 2488'. Dropped 25 sx cement plug (2488-2300') on top.
3. Cut 7" casing @ 1275' and recovered same.
4. Set 9 5/8" bridge plug @ 868'. Set 30 sx cement plug from 868-756'.
5. Set 50 sx surface plug.

DATE COMMENCING OPERATIONS 6-30-80

NAME OF PERSON DOING WORK Tom Hughes **ADDRESS** 2600 North Loop West
Houston, Texas 77092

Steven C. Partain
 Signature Steven C. Partain

Drilling Engineer
 Title

2600 North Loop West, Houston, Texas 77092
 Address

August 5, 1980
 Date

Date Approved 8-7-80

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: *Tom Hughes*

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies

Form No. 9

Permit No. 705

Approved copy mailed 8-7-80

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil Well Gas Well Other (Specify) WILDCAT

3. Well Name HPG-FEDERAL #17-1A

Location 1980' FNL & 2100' FEL

Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease FEDERAL A7919

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			WEEKLY PROGRESS <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TD 3125

Cleaned out hole from 2503-2821'. POH. TIH open-ended to P&A. Set 200 sx cement plug from open-ended drillpipe at 2453'. POH. TIH w/7" EZSV retainer. Set retainer at 2488'. Dropped 25 sx plug from 2488-2300'. POH, LD running tool. LD 3 1/2" DP. Ran free pt, stuck at 1290', free at 1275'. Cut off csg at 1275'. P11d & LD 7" csg. MU 9 5/8" BP, RIH to 868'. Cmtd 868-756' w/13 sx cmt. LD DP. Cmt to surf w/50 sx cmt & POH. RD. Released rig 1200 hrs 7-1-80.

RECEIVED

JUL 14 1980

D & G CONS. COMM.

I hereby certify that the foregoing is true and correct.

Signature Stewart C. Pantanovich Title Daly Engineer Date 7-4-80

Permit No. 705

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File This Copy

Form No. 25

July 1, 1980

Memo: File

From: W. E. Allen, Executive Secretary

Re: Home Petroleum Company 17-1 A, [REDACTED]

Tom Hunt called on Sunday, June 29, 1980 for permission to plug and abandon the above referenced well.

We advised him that he had to get permission to plug from the USGS and that we would agree with the plugging program that would be outlined by USGS.

705

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil Well GAS Well OTHER (Specify) WILDCAT

3. Well Name HPC-FEDERAL #17-1A

Location 1980' FNL & 2100' FEL

Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease FEDERAL A7919

5. Field or Pool Name _____

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TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	WEEKLY PROGRESS	<input checked="" type="checkbox"/>
(OTHER)	<input type="checkbox"/>						<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TD 3125

Conditioned hole for Core #2. Washed to 2740', reamed to 3046'. ROP indicates hole may be sidetracked and redrilled below 2740'. Reamed to btm. RIH to 2600'. Drld out bridge from 2600-2643'. Washed & reamed 2643-3045'. PU core barrel. RIH. POH w/same. LD 10' core. Prep to spot lightweight plug in open hole to stabilize wellbore. Set 500 sx cmt plug at 13.0 ppg. POH. WOC. Drld cmt plug 2527-2950'. Washed 2950-3103', no bridges or fill. Drld to 3125'. Prep to POH to PU core barrel.

8. I hereby certify that the foregoing is true and correct.

Signed Stewart C. Partain, Jr. Title Drllg Engineer Date 6-27-80

Permit No. 705

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File This Copy
Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil Well GAS Well OTHER (Specify) WILDCAT

3. Well Name HPC-FEDERAL #17-1A

Location 1980' FNL & 2100' FEL

Sec 17 Twp 38N Rge 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease: FEDERAL A7919

5. Field or Pool Name _____

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NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>			WEEKLY PROGRESS	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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I hereby certify that the foregoing is true and correct.

By Steven C. Partain, Jr. Title Drlg Engineer Date 6-27-80

Permit No. 705

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File File Copies

Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil Well GAS Well OTHER (Specify) WILDCAT

3. Well Name HPC-FEDERAL #17-1A

Location 1980' FNL & 2100' FEL

Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease FEDERAL A7919

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REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>			(OTHER)	<input type="checkbox"/>	WEEKLY PROGRESS	<input checked="" type="checkbox"/>

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TD 2876 (Corrected)

TIH w/7" casing. Hit bridge at 2274'. Casing torquing continuously, could not work casing deeper. TIH w/7" RTTS sqz tool. PU 3 1/2" DP. Set tool at 2420'. Filled casing w/water above tool. Sqzd shoe w/150 sx C1 G, DP on vacuum w/CIP at 1730 hrs. WOC. RIH w/7" RTTS pkr, set at 2420'. Tstd w/1000 psi. Cmtd w/150 sx C1 G. Dsplcd w/19 BW. WOC. Ran Temperature Survey, tr cmt behind casing. WOC. PU RTTS pkr. RIH, set at 2420'. WOC. Sqzd 7" casing seat w/350 sx C1 G. Ran Temperature Survey, have top of cmt at 2350', 140' above shoe. Set RTTS tool at 2295' & sqzd shoe w/200 sx C1 G. POH. Prep to drill out. WOC. RIH. Drld out shoe at 2490'. Washed & reamed 2490-2873'. Circ. POH. RIH to 2510'. Washed & reamed 2510-2549'.

RECEIVED

JUN 23 1980

O & G CONS. COMM.

I hereby certify that the foregoing is true and correct.

Signed Steven C. Pantanomal Title Drlg Engineer Date 6-20-80

Permit No. 705

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File This Copy

Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil Well GAS WELL OTHER (Specify) WILDCAT

3. Well Name HPC-FEDERAL #17-1A

Location 1980' FNL & 2100' FEL

Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease FEDERAL A7919

5. Field or Pool Name WILDCAT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>		
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>		
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>		
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>		
(OTHER) <input type="checkbox"/>		(OTHER) <input type="checkbox"/>	WEEKLY PROGRESS <input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TD 2853'

TIH w/screw-in assembly. Screwed into fish at 1686'. Jarred loose, POH. LD same. All fish recovered. Washed & reamed to 2693'. Circ with air. Made short trip, no drag. POH to log. RU Schlumberger. Attempted to run log. Stopped at 1150'. RD Schlumberger. Made conditioning trip. RU Schlumberger. Ran GR-DIL, Tool would not go below 1150'. RD Schlumberger. TIH to condition hole for casing. Offloaded 72 jts 7" casing. RIH to 2558'. Washed & reamed to 2611'. Circ. Plld into casing. WO float equipment.

RECEIVED

JUN 18 1980

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Steven C. Portant/mah Title Drig Engineer Date June 13, 1980

Permit No. 705

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File This Copy
Form No. 25

USS OILWELL
Division of United States Steel

LEON DENK
Buck-Buckman

FARMINGTON, N. M.

736 E. Main St.

Telephone 325-7524

5-29 W.O.O.
5-30 - W.O. EQUIP
5-31 - GO. in hole - Reaming
Stuck pipe = 2086

6-1 - wait and dia 129
back off drill collars
@ 1603 - left 9 in hole

6-2 - wash & return to 1602

6-3 - EO in hole w/ots
Stuck - backed off 1123
Bumper sub
Jars
4 DIC & Oshot

3 - Fish in hole

- 1 - 9 - COLLARS
- 2 - 4 - COLLARS
- 3 - 4 - COLLARS - Oshot - Bumper
Sub - JARS.

6-4 - Recovered Fish No. 3

5-19- Drill out cement
Lost circ 967
Spotted cement

5-20 - Drill out cement - lost circ
wait on air equip

5-21 - 1089-1338

5-22 - 1905

5-24 - pick up Hammer drill
Reamed to 1966
Drilled to 2247

5-25 - Drg to 2825

5-26 - Lost circ 2825
Go in hole w/ core bar.
Hole bridged - Lay down
core barrel & go in with
bit & reamer

5-27 - Ream to bottom

5-28 - Run core barrel -
Core to 2853 -
Rec - 2'
Ream core hole lost circ

5-9
LOC. 749

901- Rng 659- would no + go
Clean hole
Pipe 10 go
Run to bottom

5-10- Run - 900' 9-5/8 Cem/140 SXS

5-12- 962' Lost circ'

5-13 987- " "

5-14 - Loc cir 907
~~Run~~ Cement lost circ
James

5-15 - Lost circ - Spotted cement
1017

5-16- Drill out cement
Lost circ - Spotted cement

5-17- Drill out cement Lost
circ 987
Spotted 100 SXS cement

5-18 - Drill out cement
Lost circ @ 944
Spotted 60 SXS cement

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION
 2. Oil WELL GAS WELL OTHER (Specify) WILDCAT
 3. Well Name HPC-FEDERAL #17-1A
 Location 1980' FNL & 2100' FEL
 Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease FEDERAL A 7919
 5. Field or Pool Name WILDCAT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>		(OTHER)	WEEKLY PROGRESS	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TD 2853'

PU Diamond Core Barrel. TIH to 1030', could not work down. TOH & LD core barrel. PU bit & reamer. Reamed from 941-2217'. Reamed 2369-2585'. Worked thru caving hole. TOH. PU core bit & core barrel. TIH, hole tite. Core #1 2825-2853'. TOH w/core barrel. Worked thru keyseat at 1350'. COH w/core barrel, LD same. Recovered 3' of core. Reamed core hole. Circ. WO equipment to convert to aeriated water system. Installed aeriator. RIH w/BHA. WO jet subs.

RECEIVED

JUN 5 1980

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Steven C. Patai Title Drig Engineer Date May 30, 1980

Permit No. 705

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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 Form No. 25

Day

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil WELL GAS WELL OTHER (Specify) WILDCAT

3. Well Name HPC-FEDERAL #17-1A

Location 1980' ENL & 2100' FEL

Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if for lease FEDERAL A 7919

5. Field or Pool Name WILDCAT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>			WEEKLY PROGRESS	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TD 1964'.

Drd to 999' w/no returns. Switched over to air drilling. Dridtto 1964' w/no problems.

8. I hereby certify that the foregoing is true and correct.

Signed Steve Portier, Jr. Title Drig Engineer Date May 23, 1980

Permit No. 705

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MAY 27 1980
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STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
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Form No. 25

DW

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator HOME PETROLEUM CORPORATION

2. Oil Well GAS Well OTHER (Specify) WILDCAT

3. Well Name HPC-FEDERAL #17-1A

Location 1980' ENL & 2100' FEL

Sec. 17 Twp. 38N Rge. 10W County MOHAVE Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease FEDERAL A 7919

5. Field or Pool Name WILDCAT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>WEEKLY PROGRESS</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) <input type="checkbox"/>			X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DEPTH 1017'

I hereby certify that the foregoing is true and correct.

Signed Stevens C. Patain Title DRILLING ENGINEER Date 5/16/80

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MAY 19 1980

O & G CONS. COMM.

Permit No. 705

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File 17 Copies
Form No. 23

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425. J.P.W.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER Wildcat SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Home Petroleum Corporation

3. ADDRESS OF OPERATOR
2600 North Loop West, Ste 400, Houston, Texas 77092

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1980' FNL & 2100' FEL, Sec 17 T38N R10W

At proposed prod. zone

1980' FNL & 2100' FEL, Sec 17 T38N R10W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

38 miles south of St. George, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ground Elev. 4565' + 10'

22. APPROX. DATE WORK WILL START*
May 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	1000'	Sufficient to circulate to surface + 100%
8 3/4"	7"	23#	6275'	500' above shallowest production 2000' minimum

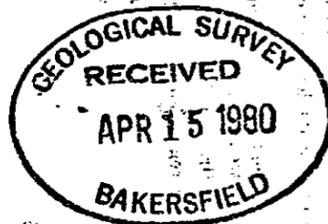
See Attached.

- Ten Point Drilling Program
- Multipoint Surface USE and Operation Plan

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MAY 3 1980

O & G CONS. COMM.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED E. R. Ziegler TITLE Drilling Superintendent DATE 4-11-80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY J.P.Wagner TITLE Dist. Eng. DATE 4-30-80

CONDITIONS OF APPROVAL, IF ANY: J. P. Wagner
cc: Oil & Gas Supervisor, Pacific Area
Conservation Manager's Office, Menlo Park
District Geologist, LA
BLM, Arizona Strip District, St. George, Utah
Arizona Oil & Gas Conserv. Comm., Phoenix, AZ

SEE ATTACHED CONDITIONS AND REQUIREMENTS

765

Copy was sent directly to State of Utah

P15
P11C

TEN POINT PROGRAM

Home Petroleum Corporation
SW/NE Sec 17 T38N R10W
Mohave County, Arizona

1. Geologic Surface Formation

The surface formation is Permian

2 &

3. Geologic markers and productive intervals:

<u>Formation</u>	<u>Estimated Top</u>	<u>Possible Production</u>
Toroweap Fm	450	
Coconino Ss	950	
Hermit Sh	1000	
Queantoweap Ss	1650	
Pakoon Ls	2300	H
Callville Ls	2650	H
Redwall	3150	H
Martin Ls	3950	H
Cambrian Ls ("Supra Mauv")	4275	H
Bright Angel Sh	5375	
Pre-Cambrian	6225	
TD	6275	

W = Water H = Hydrocarbon (Oil or Gas) C = Coal S = Steam

4. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd & Conn</u>	<u>Depth</u>
12 1/4"	9 5/8"	K-55	36#	ST&C	1000'
8 3/4"	7"	K-55	23#	ST&C	6275'

5. Control Equipment Specifications

As noted below the following equipment will be utilized for detection and control during the drilling operation.

Blowout Preventers

Size 10" Pressure Rating 3000 psi

Annular Preventer Yes Rotating Head No
Top Pipe Rams No
Blind Rams Yes
Bottom Pipe Rams Yes

Kill Line Size 2" x 3000 psi Valves 2" x 3000 psi

Check Valves 2" x 3000 psi

Manifold

Size 2" Valves 2" Pressure Rating 3000 psi

Positive Choke No Adjustable Choke Yes
Hydraulic Choke Yes
Power Operated Valve Yes

See Exhibit I attached for additional details. BOP equipment will be installed and tested after setting 9 5/8" surface casing. Test pressure 3000 psi
prior to drilling out 9 5/8" casing shoe.

6. Drilling Fluids

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-2300'	Low Solids	8.8-9.0	36-40	No Control	Gel-Fresh Water
2300-6250'	Low Solids	8.9-9.1	36-40	8-10	LCM as needed

6. Drilling Fluids (Continued)

Possible Sub Normal Pressured Zones None
Possible Abnormal Pressured Zones None

7. Auxiliary Equipment

Upper Kelly Cock Yes
Lower Kelly Cock Yes
Floor Valve Drill Pipe Yes
Floor Valve Drill Collars Yes
Float in Drill Pipe Yes
Inside BOP Yes

Additional Detection Equipment and Service

Mud Logging Unit Yes, Surface to TD
Pit Volume Totalizer Yes
Flowline Sensor Yes
Flowline Temperature Yes
Sour Gas Detector No
Pump Stroke Counter Yes
Degasser Yes
Mud Gas Separator No
Other 3 Pen Drilling Recorder

8. Evaluation

A. Testing

All significant hydrocarbon shows as drilled. At lease one DST in Lower Callville.

B. Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
6275	DLL	BSC-TD
6275	FDC-CNL	BSC-TD
6275	Sonic	BSC-TD
6275	Dipmeter	BSC-TD
5500	Fracture Identification Log	2000-5000'
?	Check Shot Velocity Survey?	

Page Four
Ten Point Program

8. Evaluation

C. Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
Lower Callville	Full Hole 60'	Undetermined

Other cores possibly dependent upon Hydrocarbon shows.

9. Drilling Hazards

None

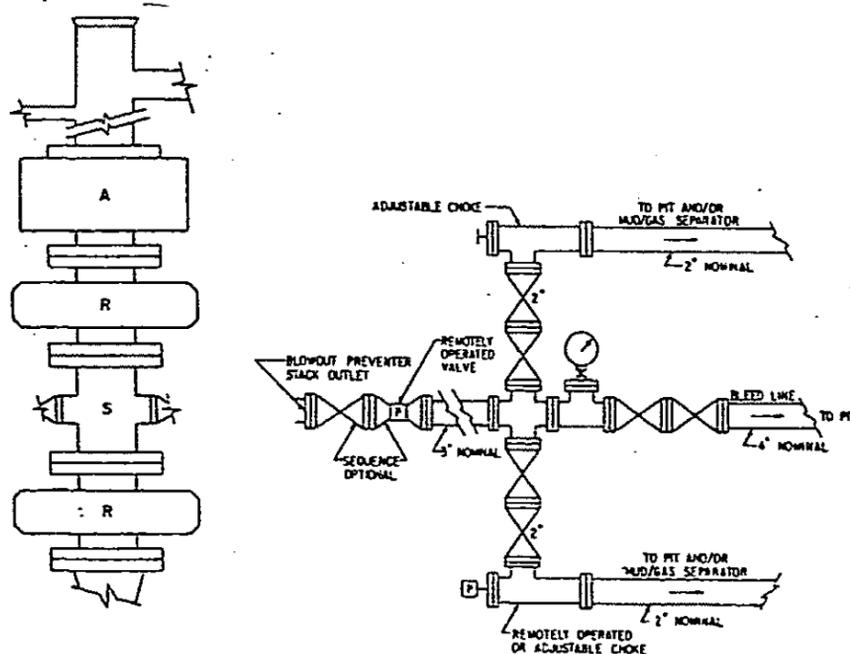
10. Starting Date May 1, 1980 Duration 35 Days

Drilling Program prepared by Home Petroleum Corporation.

Rodney J. Middleton
Rodney J. Middleton

April 11, 1980

3000 PSI WORKING PRESSURE BOP'S



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

TEST PROCEDURE:

1. Flush BOP and all lines to be tested with water.
2. Run test plug on test joint and seat in casinghead (leave valve below test plug open to check for leak).
3. Test the following to rated pressure:
 - a. Inside blowout preventer
 - b. Lower kelly cock
 - c. Upper kelly cock
 - d. Stand pipe valve
 - e. Lines to mud pump
 - f. Kill line to BOP
4. Close and test pipe rams to rated pressure.
5. Close and test Hydril to rated pressure.
6. Back off and leave test plug in place. Close and test blind rams to rated pressure.
7. Test all choke manifold valves to rated pressure.
8. Test kill line valves to rated pressure.

HOME PETROLEUM CORPORATION
MULTI-POINT SURFACE USE AND OPERATION PLAN
HOME PETROLEUM CORPORATION FEDERAL 17-1A
SECTION 17, T38N R10W
MOHAVE COUNTY, ARIZONA

1. EXISTING ROADS

See attached Range Map "A" and Topographic Map A-1. From St. George, Utah take BLM Road 59 approximately 32 miles to the Navaho Trail (BLM 61). Travel east on the Navaho Trail approximately 4 miles to the flagged stake noting the point of entry to the proposed location. The access road to the proposed location will be built approximately 1500' south into the location.

The existing gravel roads is color coded in green and the Navaho Trail is blue. The access road is indicated in red.

2. PLANNED ACCESS ROAD

See attached Range Map "B". It will be necessary to construct approximately 1500' of new road to connect the existing Navaho Trail (BLM 61) with the proposed location. Construction of the road will be as follows:

- A. The roadway to the location is flat. The roadway will be a 16' lightly blade crown road (8' on either side of the centerline) with drain ditches on either side of the proposed road where it is determined necessary in order to handle any excessive rainfall that could occur.
- B. Back slopes along the cut areas of the road will be 1 1/2:1 slopes.
- C. The road will be centerline flagged prior to commencement of construction.
- D. No major cuts or fills appear necessary. No culverts will be needed, unless during the onsite inspection it appears alternate plans be required.
- E. The grade of this road will be constructed with native borrow accumulated during construction.
- F. If deemed necessary by the appropriate governmental agencies or their representatives a turn out will be installed for safety, just off the Navaho Trail at the entrance roadway. This turn out would be constructed as per BLM specifications (10' wide, 100' long with a 25' transition).
- G. No culverts or fences will be required.

3. LOCATION OF EXISTING WELLS

None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. At the present time, there are no existing production facilities, tank batteries, oil/gas gathering lines, injection or disposal lines.

See Exhibit I.

- B. In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to obtain them from private sources.

The total area that is needed for the production of this well will be fenced and a cattleguard will be utilized for access to these facilities.

- C. The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

Due to the depth of the water table a water well at the location is not feasible. It is planned to haul water by truck from Wolf Hole Lake Section 26 T39N R12W.

6. SOURCE OF CONSTRUCTION MATERIALS

The topsoil shall be stockpiled to one side of the proposed location until rehabilitation of the site.

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road.

No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate action will be taken to acquire them from private sources.

No additional access will be required other than that stated in Item #1.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet Exhibit II. A Reserve Pit and Burn Pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc. This waste material will be buried when the operation is complete.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel or a plastic liner.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pit will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned (or hauled to a disposal site) and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet, Exhibit II.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

The topsoil on the location site shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages rerouted during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits. Depending on the volume, the oil will be removed or allowed to weather and evaporate prior to closing the pit. Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be rehabilitated as recommended by the B.L.M. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

See Topographic Map "A-1". The surface is a high desert located on the Colorado Plateau, covered in places by a veneer of quaternary stream laid gravel. The surface has been broken by north-south trending normal faults which last moved in late tertiary times. The geomorphic surface is an erosional one which has been cut into upper paleozoic sedimentary rock.

The surface and minerals is owned by United States of America. There are no dwellings in the area to be involved with the drilling activity. There are no aquifers, or reservoirs in the immediate area of the proposed drillsite or within immediate drainage area of the drillsite. There are no known archaeological, historical or cultural sites in the immediate area.

12. LESSEES OR OPERATORS REPRESENTATIVE

Edward R. Ziegler
Drilling Superintendent
Home Petroleum Corporation
2600 North Loop West, Suite 400
Houston, Texas 77092

Telephone: 713-686-7444 or 713-680-4837

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Home Petroleum Corporation and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Rodney J. Middleton

RODNEY J. MIDDLETON

I hereby certify that Rodney J. Middleton as my Agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Home Petroleum Corporation.

Edward R. Ziegler

EDWARD R. ZIEGLER

home petroleum

GEOLOGICAL REPORT
PROPOSED JACKRABBIT UNIT
MOHAVE COUNTY, ARIZONA

INTRODUCTION

Home Petroleum Corporation proposes the formation of the Jackrabbit Unit, covering lands in Townships 37 and 38 North, Range 10 West, Mohave County, Arizona. The outline of the proposed unit is shown on the attached map labeled Exhibit "A". The location of the initial test well is 1980' FSL, 2100' FEL (SW/NE) Section 17-T38N-R10W.

The proposed unit is located in Northern Mohave County, Arizona, approximately 30 miles south of the town of Saint George, Utah. Elevations in the proposed unit lie in the 4000-4500' range.

GEOLOGY

Geologically, the proposed unit is proximate to both the Paleozoic hingeline between the Cordilleran Geosyncline and the eastern shelf, and the eastern edge of the Laramide Overthrust Belt. The proposed unit will cover the southeastern portion of a surface geological feature called the Diamond Butte Anticline, located west of a pronounced geologic and geomorphic feature, the Hurricane Fault. The Diamond Butte structure was initially delineated with surface and photogeologic control, and this forms the geologic basis for current Home Petroleum exploratory efforts. Later efforts to obtain seismic control were only marginally successful, but did provide additional documentation for structural relief related to the axis of the photogeologic anticline. Seismic lines are indicated on the attached map labeled Exhibit "A". A structural interpretation, depicted with formline contours, is also shown on Exhibit "A" and shows the configuration of the anticlinal structure in the area of the proposed Jackrabbit Unit.

Stratigraphically, the geologic section consists of an approximate 6000' of Paleozoic carbonates and sandstones, overlying Precambrian basement. Some of these beds manifest both porosity and permeability, and sample hydrocarbon shows. The objectives are the Permian Pakoon Dolomite, the Pennsylvanian Callville Limestone, the Mississippian Redwall, the Devonian Temple Butte, and the Cambrian Mauv Limestone and Tepeats Sandstone.

PREVIOUS DRILLING

There has been no previous drilling within the proposed boundaries of this unit.

UNIT BOUNDARIES

The northwestern-southeastern orientation of the proposed Jackrabbit unit is predicated by the orientation of the Diamond Butte Anticline. The proposed unit includes 39 whole sections, proximate to the axis of the photogeologic Diamond Butte Anticline marked AXIS A on the attached Exhibit "A". The proposed unit will thus comprise that acreage most

Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

705

geologically germane to the southerly portion of the Diamond Butte Anticlinal System.

The northeastern boundary is defined as all full sections of which 50% or more lies southeast of the fault associated with Axis "A". The eastern boundary includes those full sections in which the photogeologic anticline dies out, and which are cut by a north-south line joining the "die out point" with the most remote formline contour, as determined to define a manageable unit area in order to conform with the requirements of the United States Geological Survey for acreage limitations for one well. The southern, southwestern, western and northern boundaries are defined by including all full sections of which 50% or more are cut by the most remote formline contour of possible structural closure.

INITIAL TEST WELL

The initial test well will be located as indicated on Exhibit "A", and will be drilled to pre-Cambrian Basement at an approximate maximum depth of 6500'.

REO/je


*Rex E. Olsen
Northern Region Exploration Supervisor
Home Petroleum Corporation

*Certified Petroleum Geologist Certificate #595
Certified Professional Geologist Certificate #1194
California Registered Geologist Certificate #789

705

home petroleum
CORPORATION

May 2, 1980

TO: The Director
United States Geological Survey
Washington, D.C. 20025

THROUGH: Mr. Fred Schambech
Area Oil and Gas Supervisor
United States Geological Survey
160 Federal Building
1340 West 6th Street
Los Angeles, CA 90017

Re: Application for Designation of
Proposed Unit Area and Determination
of Depth of Test Well for the
Jackrabbit Unit Area
Mohave County, Arizona

Dear Sir:

Attached hereto is a map, marked Exhibit "A", on which the proposed Jackrabbit Unit is outlined. We request that 25,097.05 acres, more or less, of Federal, State of Arizona and Patented lands within the outline be designated as a logical Unit Area pursuant to the unitization provisions of the Mineral Leasing Act, as amended. The proposed Unit Area of 25,097.05 acres, more or less, is composed of 22,346.73 acres (89.04%) Federal lands, 2,590.32 acres (10.32%) State of Arizona lands and 160.00 acres (0.64%) Patented lands.

For the lands within the proposed Unit Area, we refer you to the attached Exhibit "A", which shows, in addition to the proposed Unit boundary, the boundaries and identity of the various tracts and leases in the proposed Unit Area to the extent of our present knowledge. The serial numbers of all Federal and State of Arizona leases within the proposed Unit are listed on Exhibit "B", hereto attached.

It is requested that a test well, drilled to a depth of 6,500 feet or to test the upper 50 feet of the Pre-Cambrian Basement formation, whichever is the lesser depth, unless commercial production in paying quantities, as defined in the Unit Agreement, is encountered at a lesser depth, be approved as the required depth for the test well.

Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444

765

Jackrabbit Unit Area
Page 2

Home Petroleum Corporation anticipates submitting, at a later date, a standard form Unit Agreement (1968 reprint).

To the best of our knowledge, there are no Federal lands within the proposed Unit Area requiring the inclusion of special provisions in the Unit Agreement.

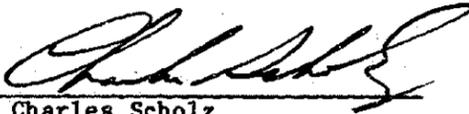
Although the Unit Area does include 2,590.32 acres of State of Arizona lands, the State of Arizona will not be able to commit its interest until after July 21, 1980, and at this time does not have special State of Arizona land provisions to include in the Unit Agreement.

In support of this Application, we are submitting separately, in duplicate, a geological report with a map showing the geologic conditions within the proposed Unit Area. It is requested that this information be held confidential.

Please transmit all correspondence regarding this Application to Edmundson, Inc., P.O. Box 1707, Denver, Colorado 80201.

Very truly yours,

HOME PETROLEUM CORPORATION

By 
Charles Scholz
Land Manager

CS:RBE:nct
Attachment

EXHIBIT "B"
AREA AND DEPTH APPLICATION
JACKRABBIT UNIT AREA
MOHAVE COUNTY, ARIZONA

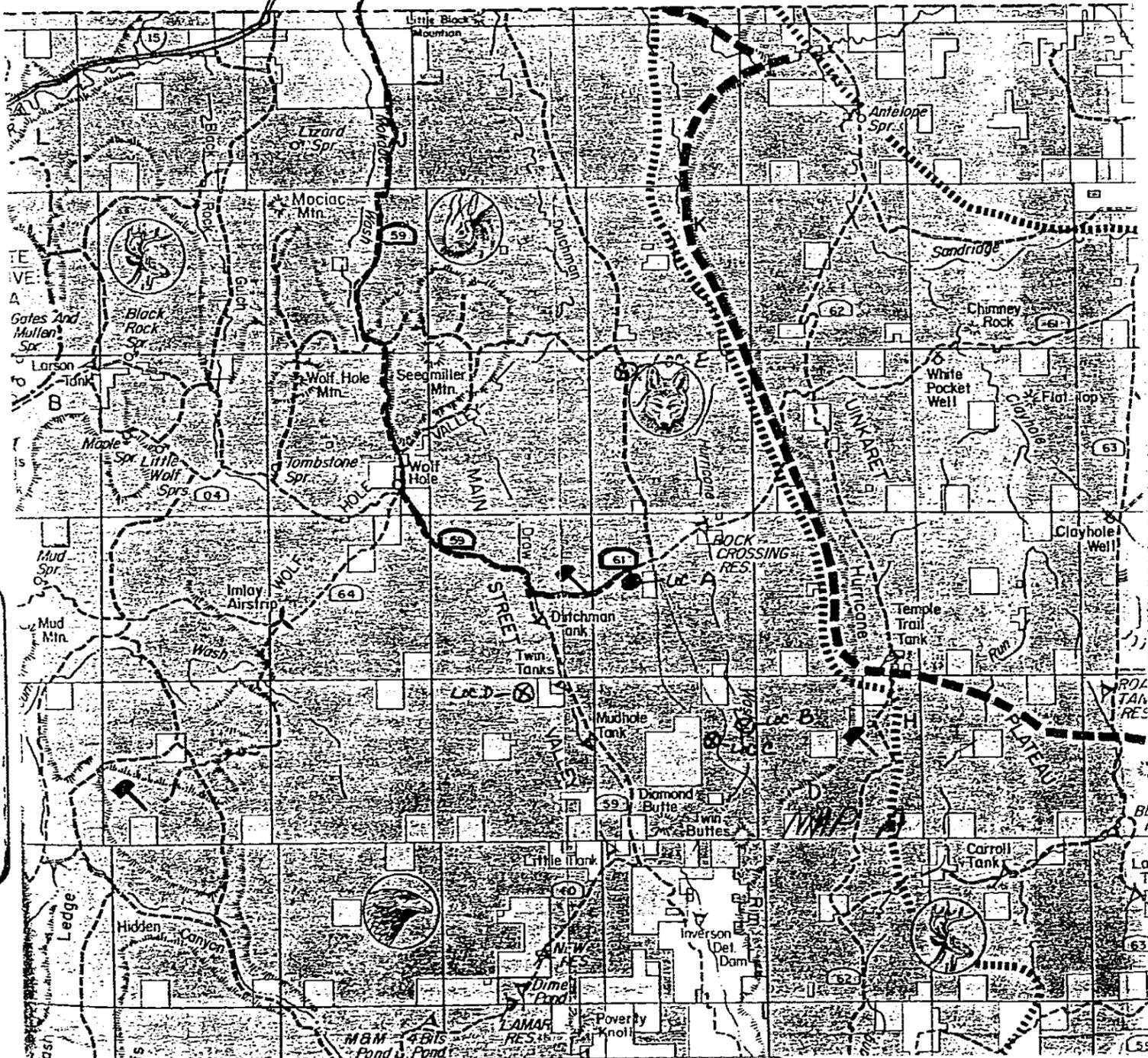
<u>TRACT NUMBER</u>	<u>FEDERAL SERIAL NUMBER</u>
1	A-7886
2	A-7887
3	A-7888
4	A-7903
5	A-7904
6	A-7916
7	A-7917
8	A-7919
9	A-7920
10	A-7929
11	A-7938
	<u>STATE OF ARIZONA</u>
12	LT-70886
13	LT-77290

Ariz

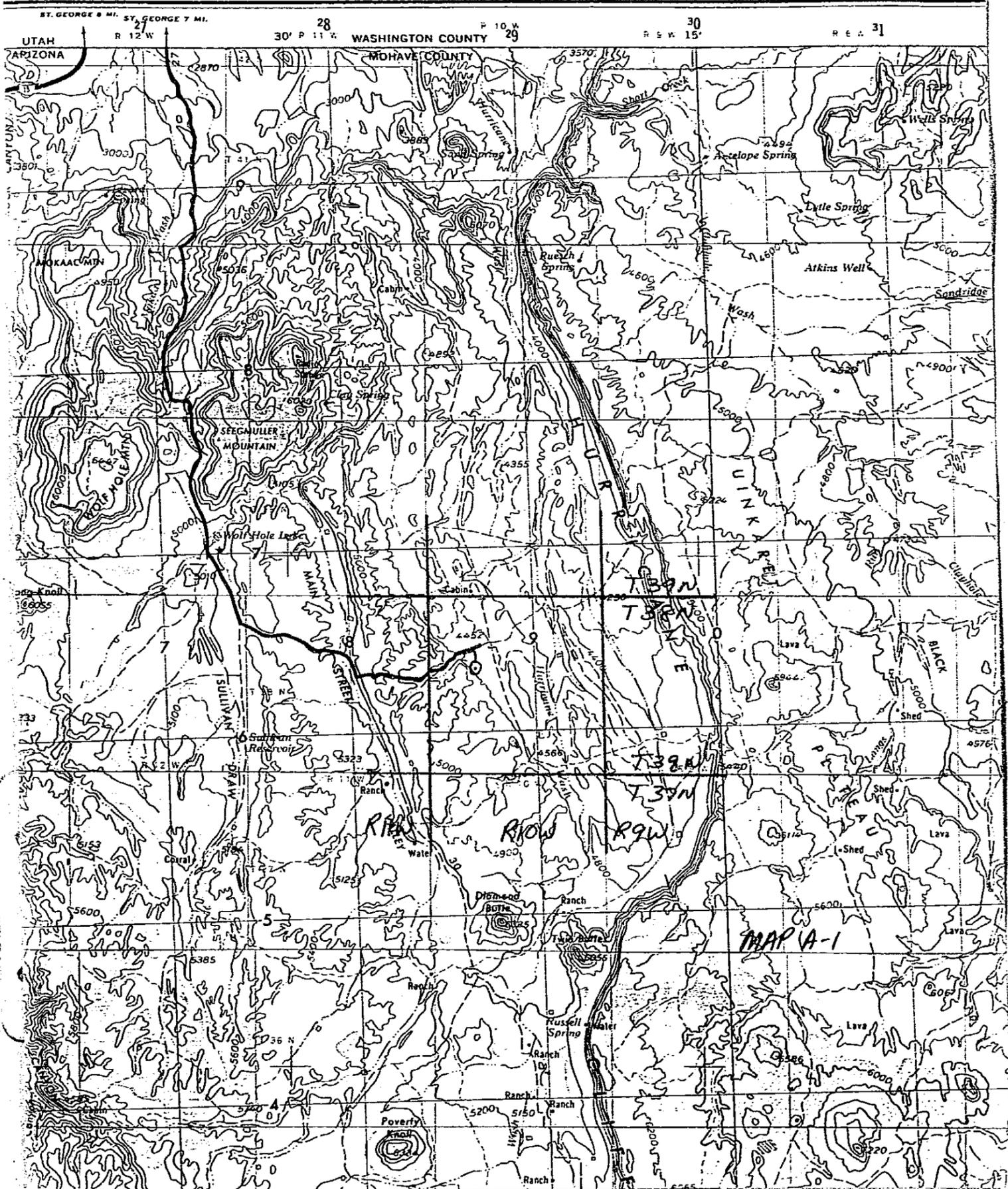
700

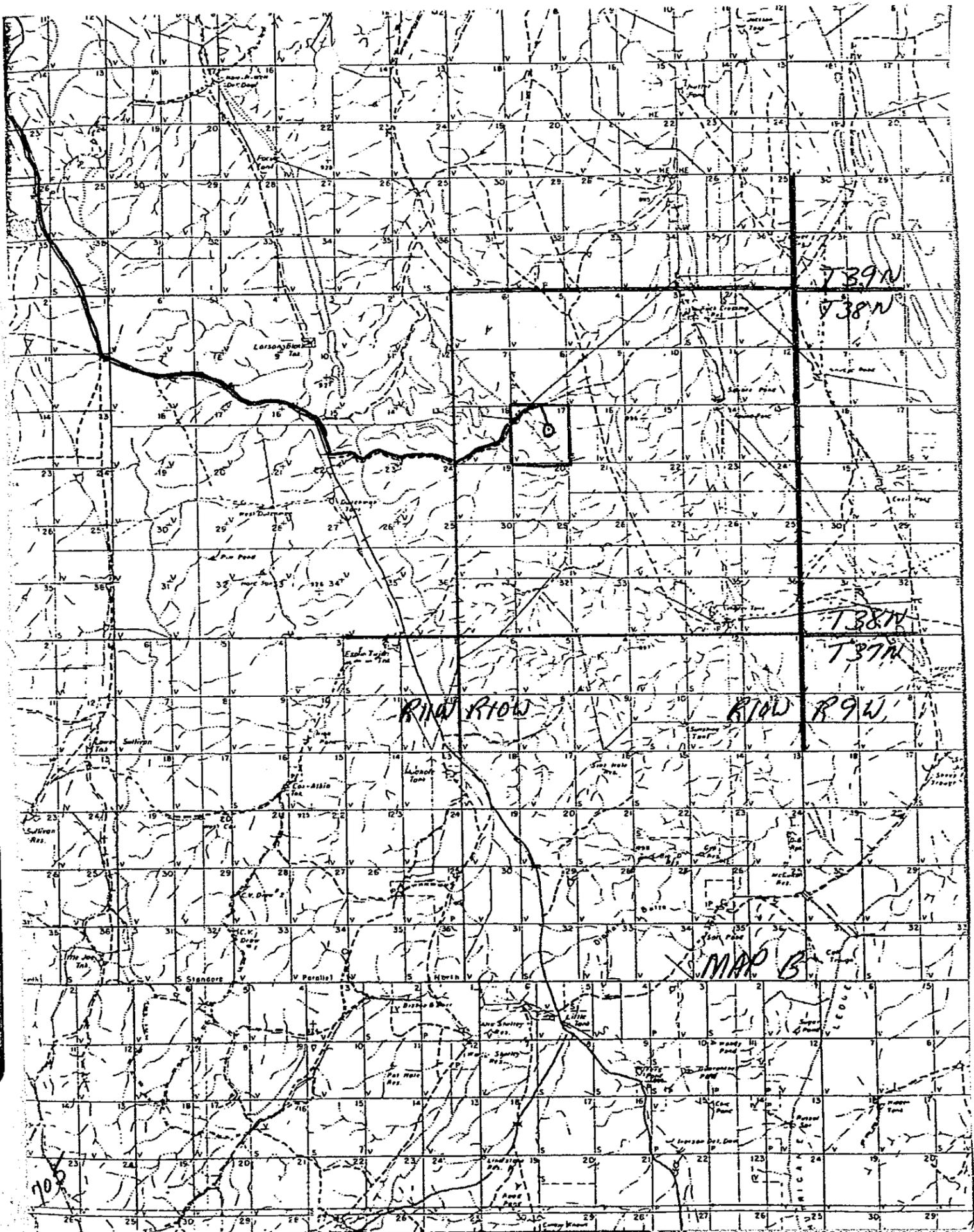
St. George
UTAH

W. R13W. R12W. R11W. R10W. R9W. R8W. E



GRA





T39N

T38N

T38N

T37N

R10W

R9W

MAP B

70

Production Facilities

Home Petroleum Corporation
Home Petroleum Corporation Federal 17-1A

Section 17, T39N, R10W

North

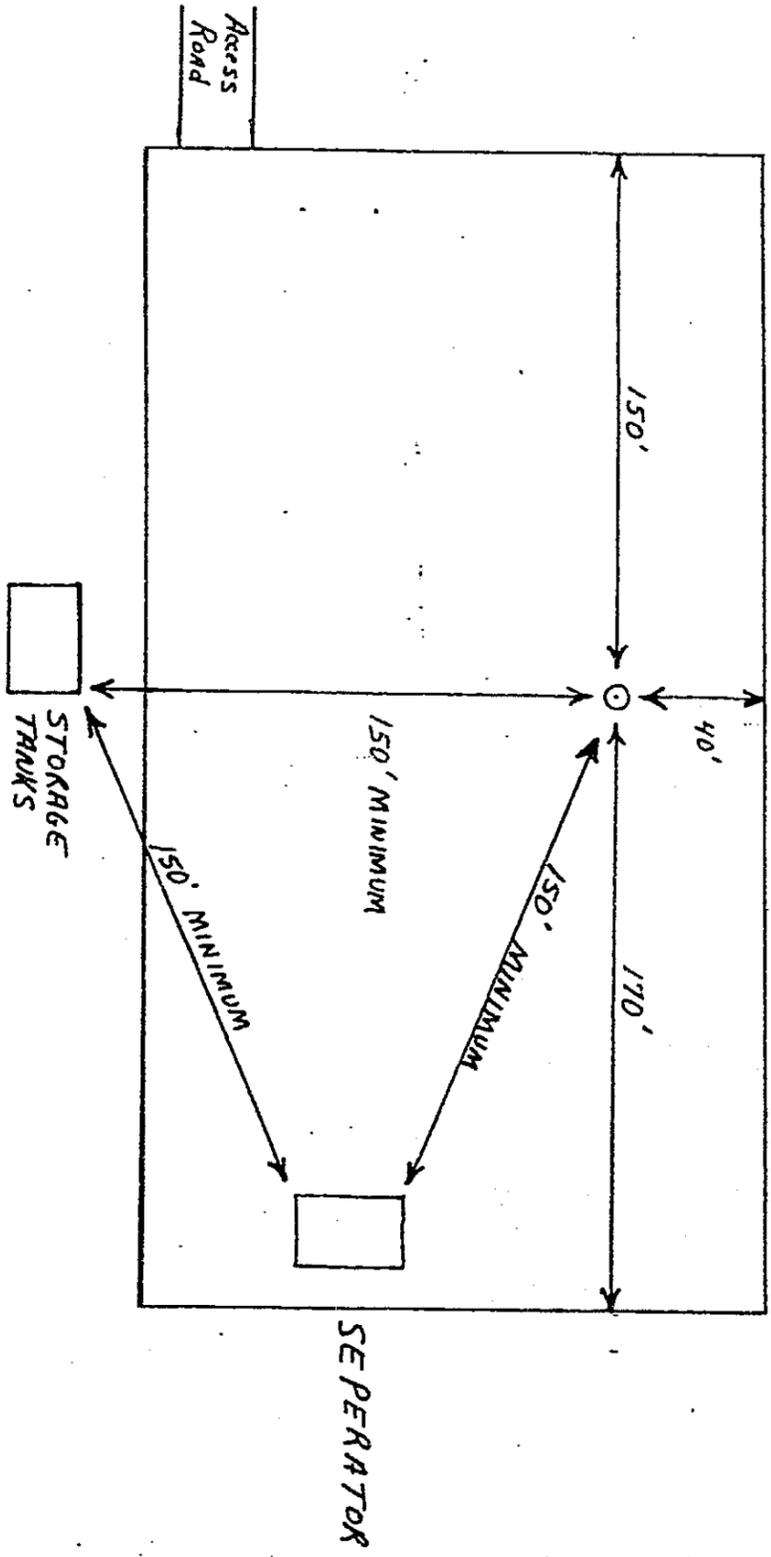
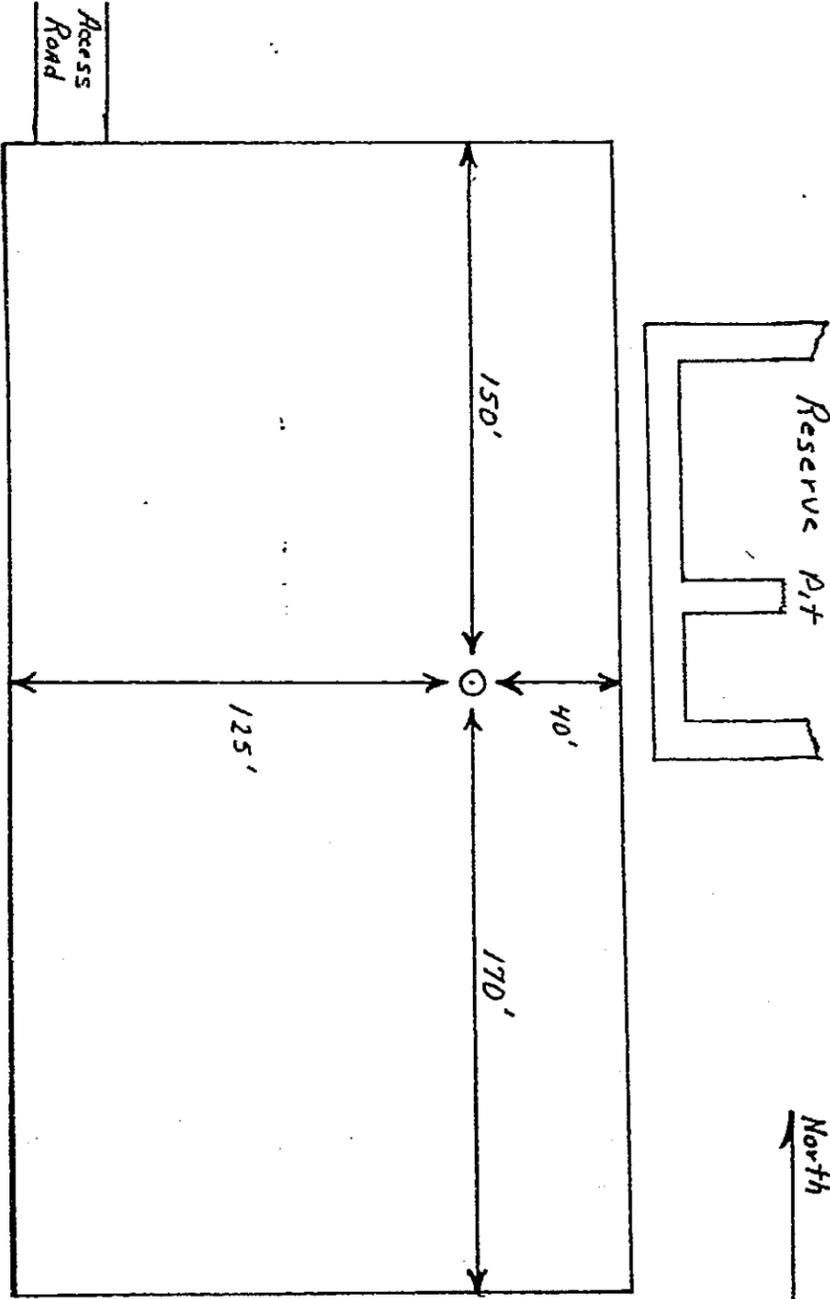


EXHIBIT I

Location Layout



Home Petroleum Corporation
Home Petroleum Corporation Federal 17-11A
Section 17, T38N, R10W

North
←

EXHIBIT II

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

HOME PETROLEUM CORPORATION
NAME OF COMPANY OR OPERATOR

2600 NORTH LOOP WEST, SUITE 400 HOUSTON TEXAS 77092

Address City State

UNDETERMINED

Drilling Contractor

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor FEDERAL A7919	Well number 17-1A	Elevation (ground) 4565' + 10'
Nearest distance from proposed location to property or lease line: 1980 feet	Distance from proposed location to nearest drilling completed or applied--for well on the same lease: None feet	
Number of acres in lease: 640	Number of wells on lease, including this well, completed in or drilling to this reservoir: None	
If lease, purchased with one or more wells drilled, from whom purchased: None		
Well location (give footage from section lines) 1980' ENL & 2100' FEL	Section--township--range or block and survey 17 T38N R10W	Dedication (Comply with Rule 105) 640
Field and reservoir (if wildcat, so state) Wildcat	County Mohave	
Distance, in miles, and direction from nearest town or post office: 38 miles south St. George, Utah		
Proposed depth: 6500'	Rotary or cable tools Rotary	Approx. date work will start May 1, 1980
Bond Status Amount	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:

SEE ATTACHED: GEOLOGICAL SURVEY, APPLICATION TO DRILL

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the DRILLING FOREMAN of the HOME PETROLEUM CORPORATION (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct and complete to the best of my knowledge.

Rodney J. Middleto
Signature

April 11, 1980

Date

Permit Number: 705
Approval Date: April 16th 1980
Approved By: *Don Whittaker*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

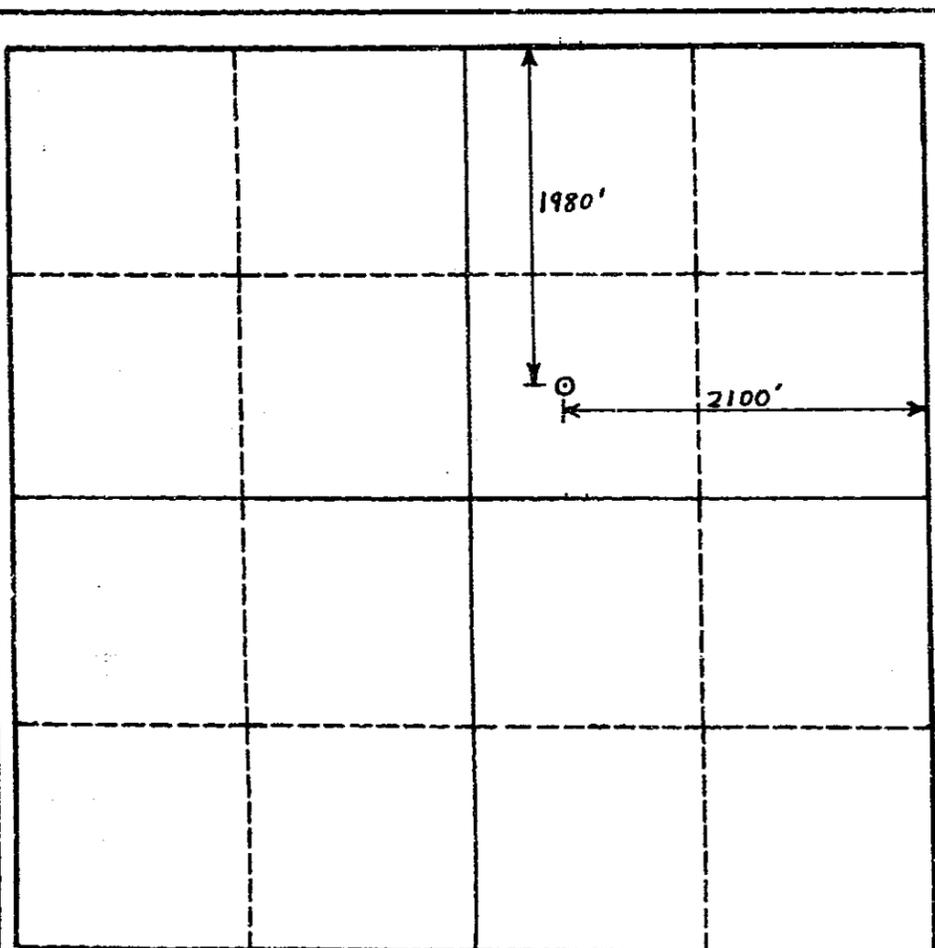
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

Form No. 3

(Complete Reverse Side)

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description



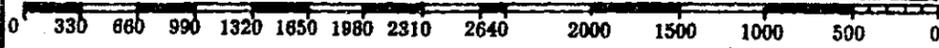
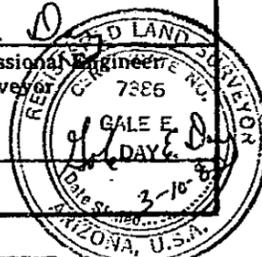
CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Rodney Middle
 Name
D. J. Foreman
 Position
North Petroleum Corp.
 Company
4/16/80
 Date

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

3-10-86
 Date Surveyed
Gale E. Day
 Registered Professional Engineer
 and/or Land Surveyor
 7386
 Certificate No.



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement Calculated + 100% excess
9 5/8"	36#	K-55 ST&C	0'	1000'	0-1000'	Undetermined
7"	23#	K-55 ST&C	0'	6275'	6275' - 500' above production	Undetermined



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: HOME PETROLEUM CORPORATION
(OPERATOR)

to drill a well to be known as

17-1A FEDERAL
(WELL NAME)

located 1980' FROM NORTH LINE & 2100' FROM EAST LINE

Section 17 Township 38 NORTH Range 10 WEST, MOHAVE County, Arizona.

The W/2 NE/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 16th day of April, 1980.

OIL AND GAS CONSERVATION COMMISSION

By [Signature]
EXECUTIVE SECRETARY

PERMIT N^o 705

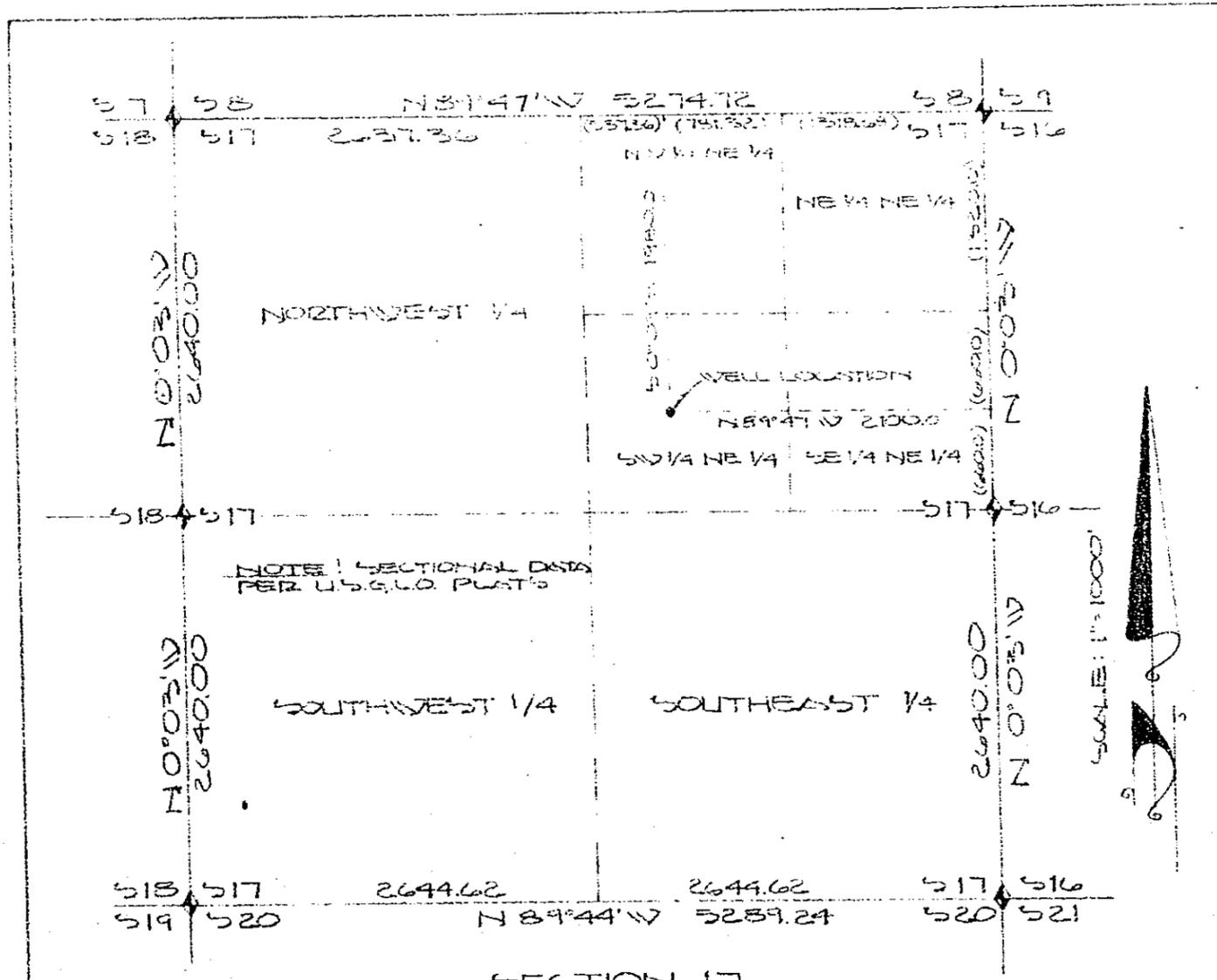
RECEIPT NO. 1766
API No. 02-015-20008

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

TEN FOOT SAMPLES ARE REQUIRED FROM SURFACE

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.



SECTION 17

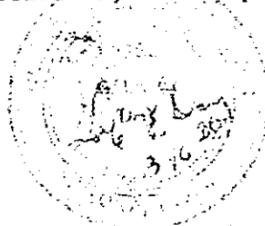
TOWNSHIP 38 NORTH, RANGE 10 WEST
 GILA & SALT RIVER MERIDIAN
 ARIZONA

SURVEYOR'S CERTIFICATE

I, Gale E. Day, St. George, Utah, do hereby certify that I am a registered Land Surveyor and that I hold License No. 7386, as prescribed by the laws of the State of Arizona. I further certify that I have located a proposed Oil Well site at the following location:

Site is located at a point N 89° 47' W 2100.00 feet along the Section line and S 0° 03' E 1980.00 feet from the Northeast Corner of Section 17, Township 38 North, Range 10 West, Gila and Salt River Meridian, Arizona.

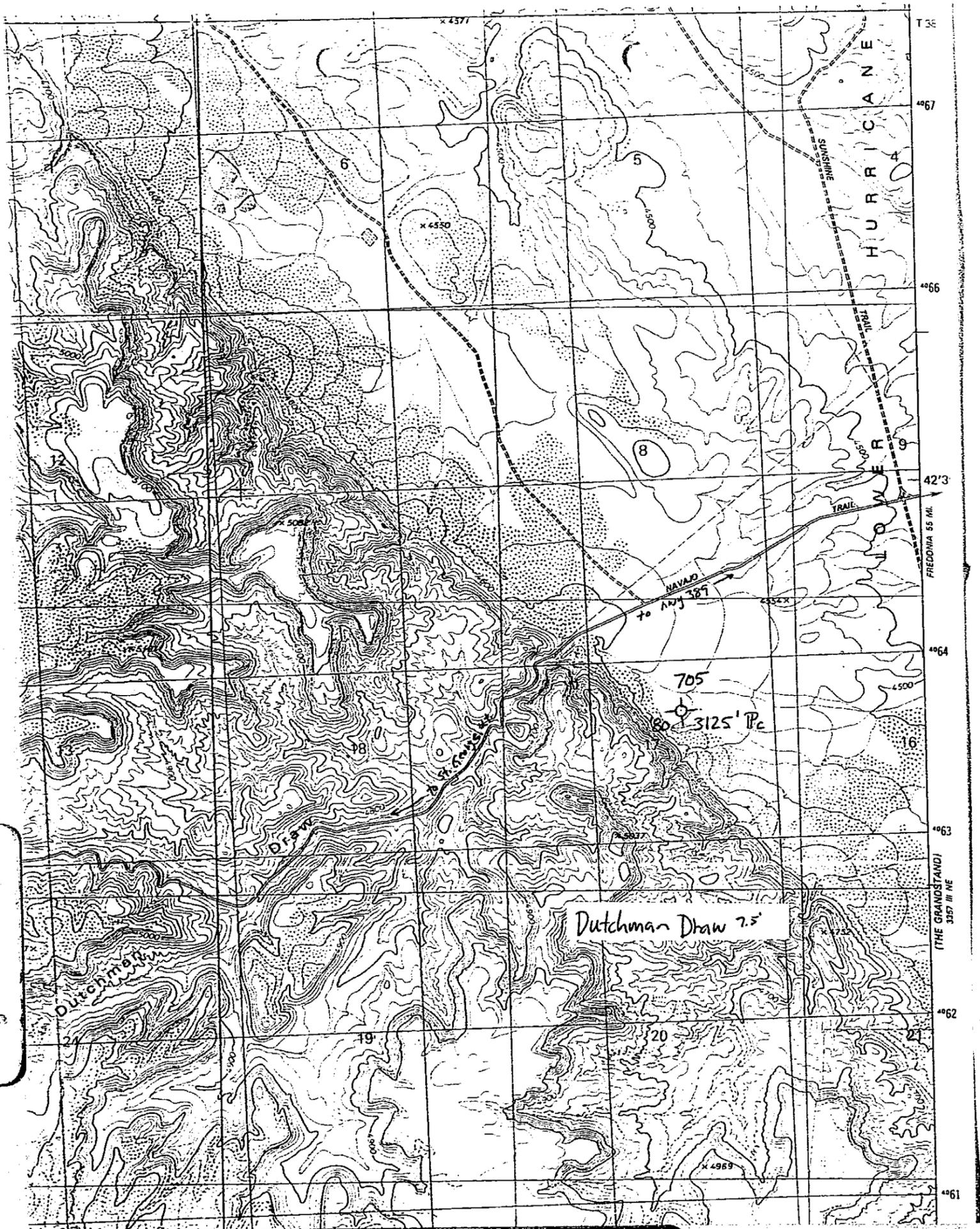
Date 3-10-80



Gale E. Day
 Gale E. Day
 Registered Land Surveyor
 Arizona License No. 7386.

PREPARED BY
 PULSH & GUDGELL, INC.
 B.C.G. # 3154-A

705



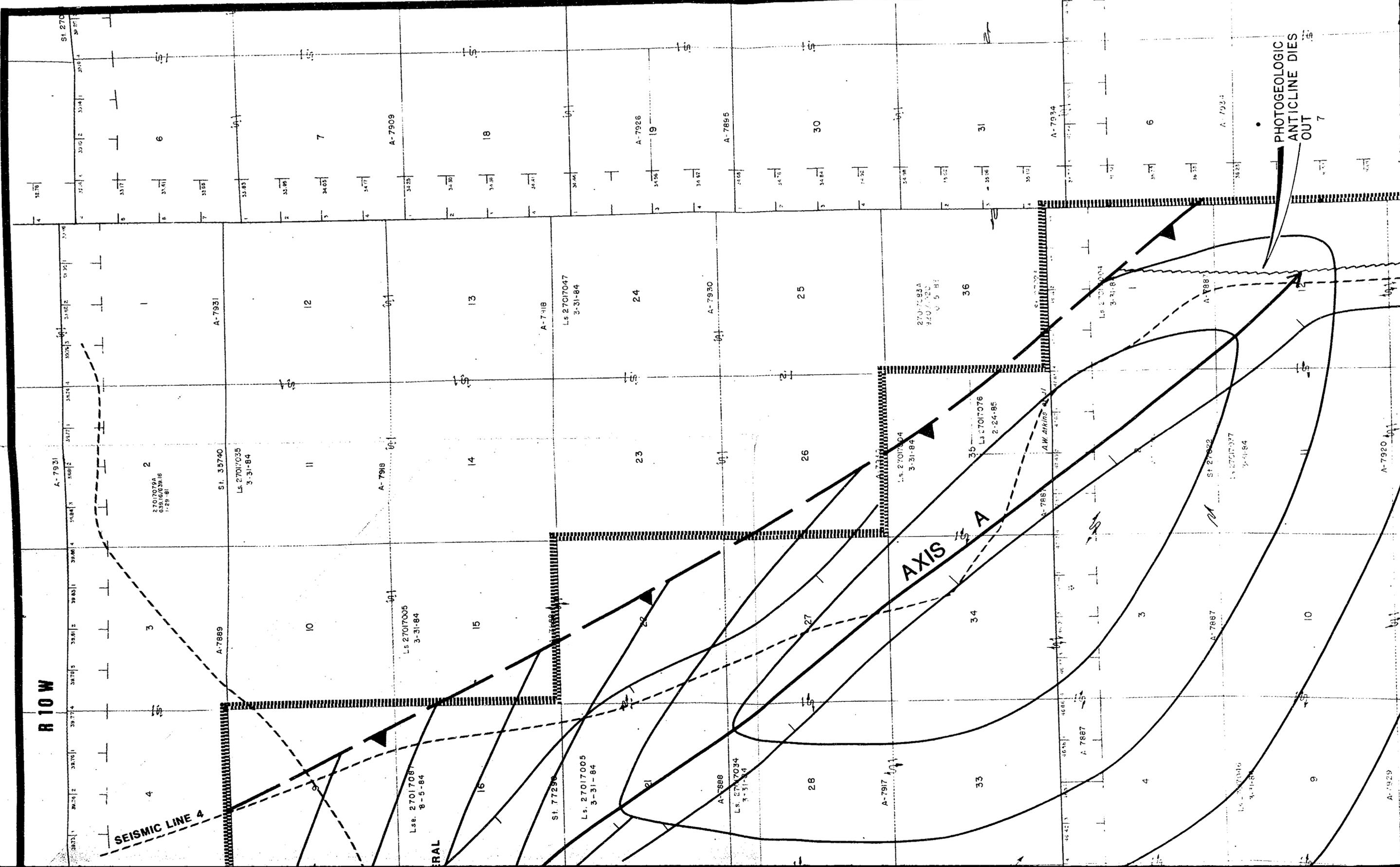
R 10 W

SEISMIC LINE 4

ERAL

AXIS 15 A

PHOTOGEOLOGIC
ANTICLINE DIES
OUT



R11W

SI. 77290
40803 40432 40281 40004

Ls. 27017002
3-31-84

MOST REMOTE
FORMLINE CONTOUR
OF STRUCTURAL CLOSURE

A-7884

12

13

Ls. 27017045
3-31-84

24

A-7928

25

36

Ls. 27017008
3-31-84

A-7911

12

A-7939

SI. 77666
39443 39443 39443 39443

Ls. 27017006
3-31-84

5

6

Ls. 27017035
3-31-84

7

Ls. 27017033
3-31-84

18

A-7956

19

Ls. 27017055
3-31-84

30

A-7948

3

R10W

39731 39731 39731 39731

SEISMIC LINE 4

4

A-7889

10

Ls. 27017081
3-31-84

15

SI 77296

Ls. 27017005
3-31-84

20

A-7888

Ls. 27017034
3-31-84

28

A-7917

33

AXIS 15 A

34

A-7887

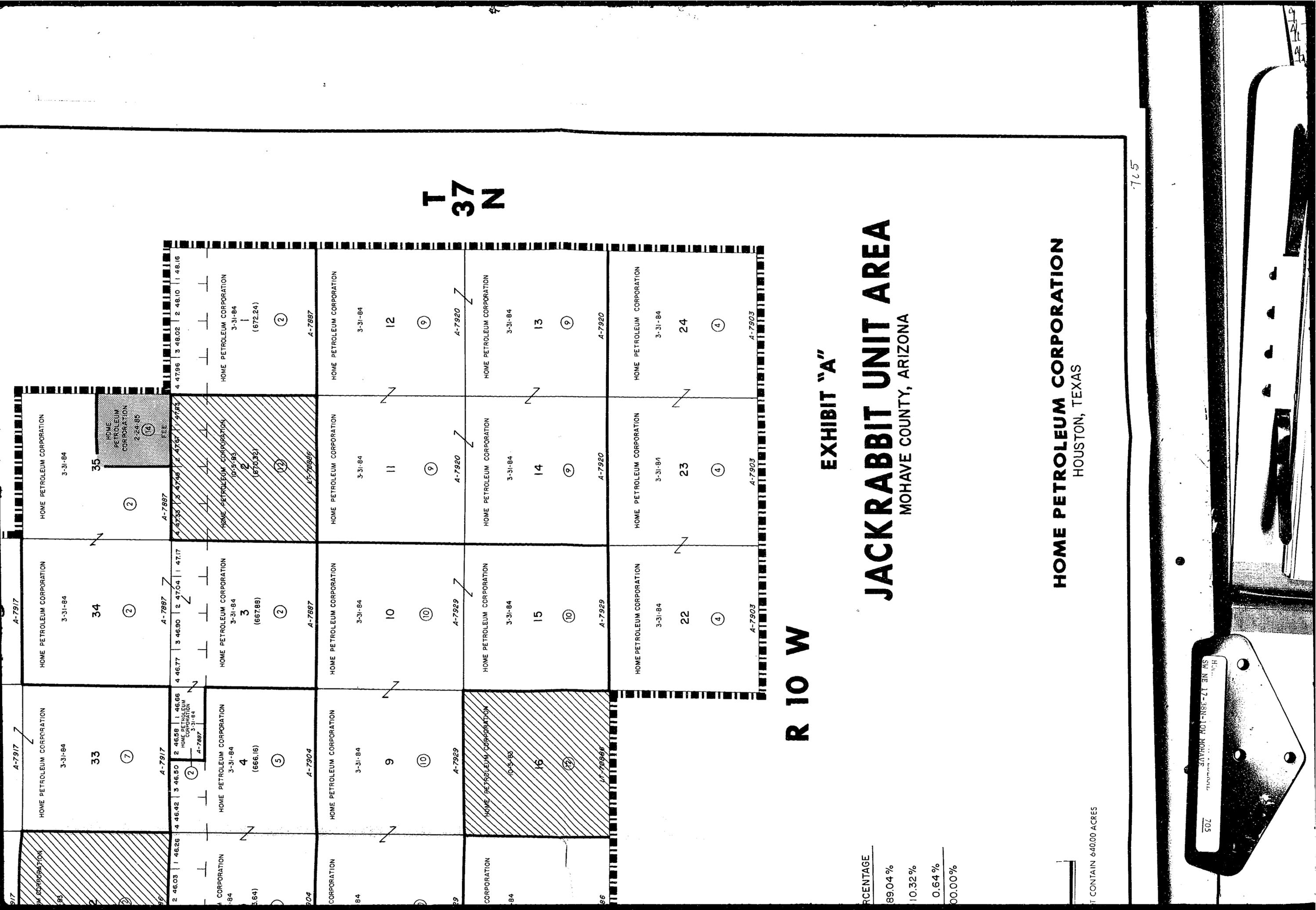
3

A-7887

10

T 38 N

7928



T 37 N

R 10 W

EXHIBIT "A"

JACKRABBIT UNIT AREA
 MOHAVE COUNTY, ARIZONA

HOME PETROLEUM CORPORATION
 HOUSTON, TEXAS

PERCENTAGE
 89.04 %
 10.32 %
 0.64 %
 00.00 %

CONTAIN 640.00 ACRES

715

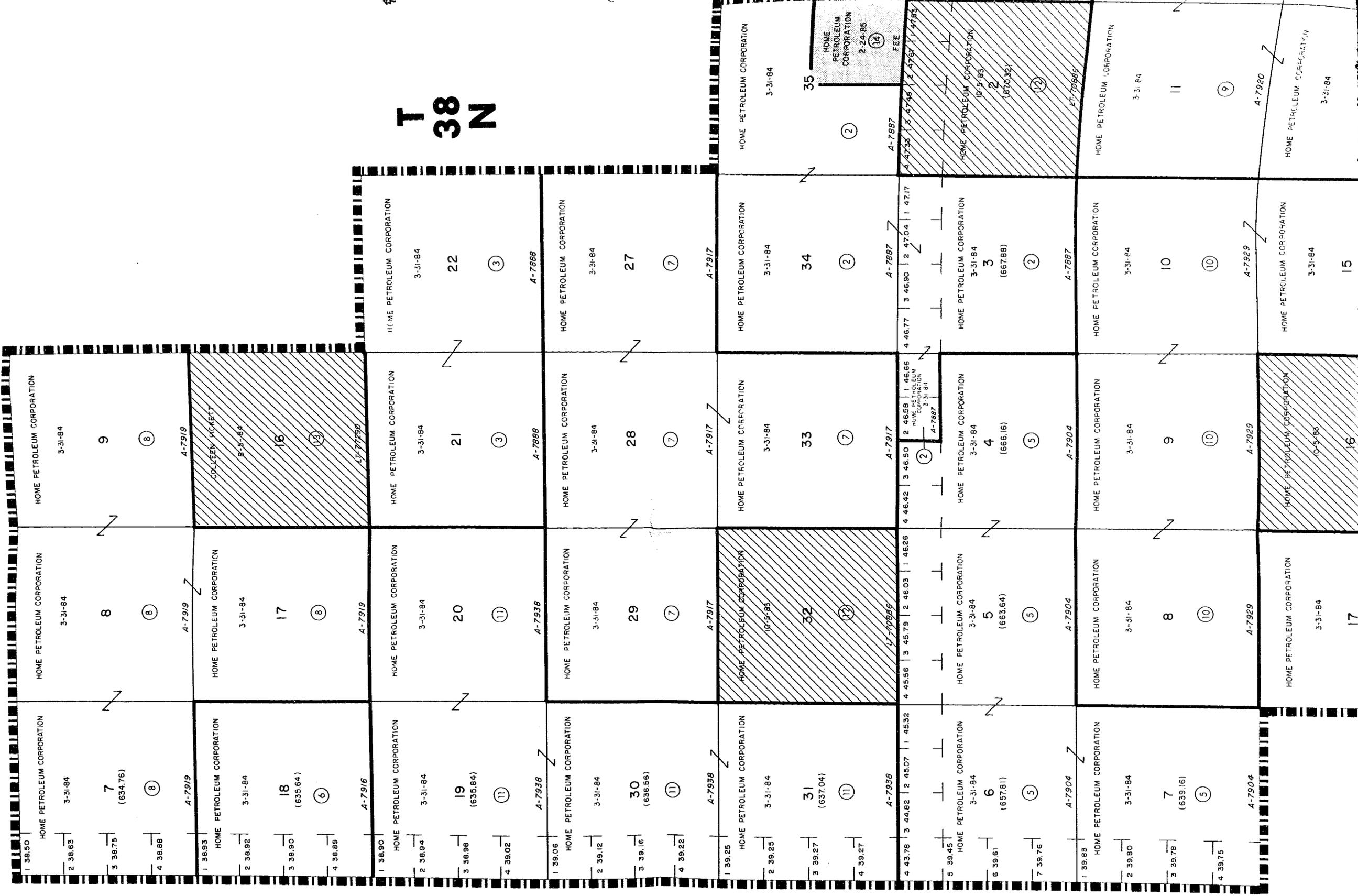
705
 H. L. ...
 SW NE 17-38N-10W MOHAVE ...
 ...

R 10 W

T 38 N

T 38 N

T 37 N





OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

April 29, 1983

Mr. Bill J. King
Highland Insurance Group
600 Jefferson Street
Houston, Texas 77002

Re: Home Petroleum Corporation
Blanket Drilling Bond No. 99 03 45
Amount: \$25,000.00
Dated: February 21, 1980

Dear Mr. King:

This will acknowledge receipt of your letter of April 25, 1983,
requesting release of subject bond.

Our records indicate that only one well, No. 17-1A Federal, was
drilled in Arizona by Home Petroleum under this bond. Our records
also indicate that this well was drilled and completed (plugged
and abandoned) in full accordance with the Arizona Rules and
Regulations and, therefore, subject to release.

If I can be of any further assistance, please advise.

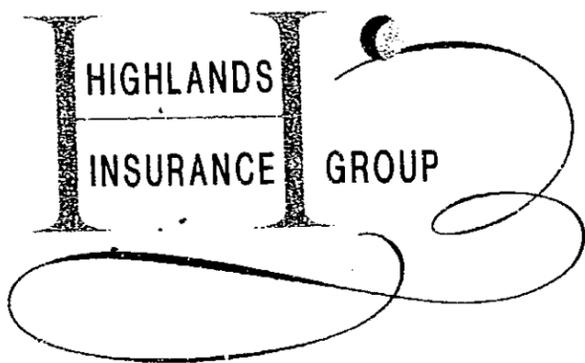
Sincerely,

R. A. Ybarra
R. A. Ybarra
Enforcement Director

RAY:bg

cc: Home Petroleum Corporation

705



HIGHLANDS INSURANCE COMPANY
HIGHLANDS UNDERWRITERS INSURANCE COMPANY
HIGHLANDS CASUALTY COMPANY
ABERDEEN INSURANCE COMPANY
HIGHLANDS LLOYDS

600 JEFFERSON STREET, HOUSTON, TEXAS 77002
CABLE: HIGHLANDS HOU TELEX: 792619
PHONE: (713) 659-5541

RECEIVED

APR 20 1983

O & G CONS. COMM.

April 25, 1983

State of Arizona
Oil and Gas Conservation
State Capital Building
Phoenix, Arizona 85007

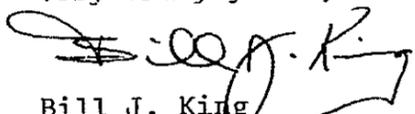
RE: Home Petroleum Corporation
Blanket Drilling Bond No. 99 03 45
Amount: \$ 25,000.00
Dated: February 21, 1980

Gentlemen:

We have been advised by our principal, Home Petroleum Corporation, that the above captioned bond is no longer needed. Therefore, at your earliest convenience please furnish us with your release.

Your prompt attention will be appreciated.

Very truly yours,


Bill J. King
Surety Representative

BJK/gs

705 Fed (Plegging Report thru Fed)

REED STENHOUSE

Reed Stenhouse Inc. of Texas
Insurance Agents
2690 South Tower / Pennzoil Place
Houston, Texas 77002
713 224-5005 Telex 76-2907

RECEIVED

MAR 7 1980

O & G CONS. COMM.

February 26, 1980

State of Arizona
Oil & Gas Conservation Commission
1739 West Jackson St.
Phoenix, Arizona 85007

Re: Home Petroleum Corporation
Oil & Gas Performance Bond
Bond No. 99 03 45

Gentlemen:

On behalf of our Principal, please accept the enclosed bond which has been properly executed and endorsed by a Resident Countersigning Agent.

This bond should be suitable for filing. If any questions arise, please contact this agency.

Sincerely,



Max D. Colgrove

MDC:jk
Enclosure

705

PERFORMANCE BOND

RECEIVED
MAR 7 1980

KNOW ALL MEN BY THESE PRESENTS

O & G CONS. COMM.

Bond Serial No. 99 03 45

That we: HOME PETROLEUM CORPORATION, 2600 North Loop West, Suite 400, Houston, Texas 77092

of the County of Harris in the State of Texas

as principal, and Highlands Insurance Company

of Houston, Texas

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of TWENTY FIVE THOUSAND AND 00/100 lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

BLANKET

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

COUNTERSIGNED and seals, this 21st day of February, 1980

TUCSON REALTY & TRUST CO.

BY *Angela Cohn*
RESIDENT AGENT

HOME PETROLEUM CORPORATION

Hulllock

Principal

VICE PRESIDENT

WITNESS our hands and seals this 25th day of February, 1980

Highlands Insurance Company

Jennifer Wentz
Jennifer Wentz

Surety

Attorney-in-Fact

Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved
Date _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Bond

File Two Copies

Form No. 2

Permit No. 705

HIGHLANDS INSURANCE COMPANY
HOUSTON, TEXAS

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That the Highlands Insurance Company, a corporation duly incorporated under the laws of the State of Texas, doth hereby constitute and appoint Jennifer Kuentz of the City of Houston, State of Texas, to be its true and lawful attorney-in-fact for the following purposes, to-wit:

To sign its name as surety, and to execute, seal and acknowledge any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of the same, and to respectively do and perform any and all acts and things set forth in the appended resolution of the Board of Directors of the said Highlands Insurance Company; provided, that the penal sum of no single one of such bonds, recognizances, obligations, stipulations or undertakings shall exceed the sum of

Unlimited Dollars

(\$ Unlimited): the Company hereby ratifying and confirming all and whatsoever the said attorney-in-fact may lawfully do in the premises by virtue of these presents, but reserving to itself full power of substitution and revocation.

IN WITNESS WHEREOF, the said Highlands Insurance Company, pursuant to a resolution passed by its Board of Directors, at a meeting held on the 29th day of July, A.D., 1974, a certified copy of which is hereto annexed, has caused these presents to be sealed with its corporate seal, duly attested by the signature of its President, Vice Presidents, Assistant Vice Presidents and Secretary this 20th day of November, A.D. 1979.



HIGHLANDS INSURANCE COMPANY

D. E. Walk
Secretary

By J. L. Darnold
Vice President

STATE OF TEXAS
COUNTY OF HARRIS
CITY OF HOUSTON

On this 20th day of November in the year 1979 before me personally

appeared J. L. Darnold to me known, who, being by me duly sworn, did depose and say: That he resides in Houston, Texas; that he is Vice President of the Highlands Insurance Company, the corporation described in and which executed the above instrument; that he knows the Seal of said corporation; that the Seal affixed to said instrument is such corporation Seal; that it was affixed to such instrument by and under authority conferred by the Board of Directors of said corporation; and that he signed his name thereto by like authority.



Vickie Ann Beyer
Notary Public, Harris County, Texas

RESOLUTION

RESOLVED, that this Company do, and it hereby does authorize and empower its President or any one of its Senior Vice Presidents, Vice Presidents or Assistant Vice Presidents, in conjunction with any one of its Secretaries or any one of its Assistant Secretaries, under its corporate seal, to execute and deliver or to appoint any person or persons as attorney-in-fact or attorneys-in-fact, or agent or agents of this Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performance of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed; and, in its name and as its attorney-in-fact or attorneys-in-fact, or agent or agents, to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation or undertaking, or anything in the nature of the same; the nature, class or extent of the instruments so authorized to be specified in such power of attorney.

FURTHER RESOLVED, That the signature of any of the persons described in the foregoing resolution may be facsimile signatures as fixed or reproduced by any form of typing, printing, stamping or other reproduction of the names of the persons hereinabove authorized.

I, D. E. Walker, Secretary of Highlands Insurance Company, hereby certify that at a meeting of the Board of Directors of said Company, duly called and held at the office of the Company at the City of Houston, on the 29th day of July, A.D., 1974, at which was present a quorum of said Directors, duly authorized to act in the premises, resolutions were passed and entered on the minutes of said Company, of which resolutions the foregoing is a true copy and of the whole thereof.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal of Highlands Insurance Company, this 20th day of November, A.D. 19 79.



D. E. Walker
Secretary

STATE OF TEXAS
COUNTY OF HARRIS

I, D. E. Walker, Secretary of Highlands Insurance Company, do hereby certify the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Highlands Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company in the City of Houston, Texas, this 25th day of February, A.D. 19 80.



D. E. Walker
Secretary

Clay
home petroleum

RECEIVED

APR 26 1980

O & G CONS. COMM.

April 24, 1980

Mr. Bill Allen
Oil and Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Organization Report
Federal #17-1A
Mohave County, Arizona

Dear Mr. Allen:

Please find enclosed the Organization Report on the above named well that you requested. As of this date, the Report is correct and complete to the best of our knowledge.

Very truly yours,

HOME PETROLEUM CORPORATION

Rodney J. Middleton/mah

Rodney J. Middleton
Drilling Foreman

RJM:mah

Enclosure

705
Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual
HOME PETROLEUM CORPORATION

Post Office Address (Box or Street Address)
2600 North Loop West, Suite 400 Houston, Texas 77092

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)
Corporation

Purpose of Organization (State type of business in which engaged)
Gas Exploration and Development and Marketing of LPG Products

If a reorganization, give name and address of previous organization.

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
OKLAHOMA	Tucson Realty & Trust Co. P.O. Box 990 Tucson, AZ 85702	May 1, 1980
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
A. M. McIntosh	President	324 8th Ave. S.W. Calgary, Canada
R. L. Billings	Executive Vice President	2600 N. Loop W. Houston, Texas
W. D. Lundberg	Executive Vice President	SAME
D. L. Brite	Vice President - Exploration	SAME
G. B. Sullaway	Vice President - Operations	SAME
L. A. Wellock	Vice President - Finance	SAME

DIRECTORS NAME	POST OFFICE ADDRESS
R. L. Billings	2600 N. Loop W. #400, Houston, Texas 77092
D. L. Brite	SAME
J. P. Crone	324 8th Ave. S.W. Calgary, Alberta, Canada
W. D. Lundberg	2600 N. Loop W. #400, Houston, Texas 77092
A. M. McIntosh	324 8th Ave. W. #400, Houston, Texas 77092
W. H. Waddell	SAME

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the Home Petroleum Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

APR 26 1980

O & G CONS. COMM.

James M. Miller

JAMES M. MILLER

Notary Public in Fort Bend County, Texas
 My Commission Expires November 7, 1981
 Bonded by L. Alexander Lovett, Lawyers Surety Co.

L. A. Wellock
 Signature

April 22, 1980
 Date

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

Organization Report
 File One Copy

Form No. 1

RJM
home petroleum

RECEIVED

JAN 21 1981

O & G CONS. COMM.

January 15, 1981

Don Whittaker
Director, Enforcement Section
Oil & Gas Conservation Comm.
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Home Petroleum 17-A
Federal
Mohave County, Arizona
Permit 705

Dear Mr. Whittaker,

Thank you for reminding us that our six-month confidentiality period has expired on the above mentioned well.

Please use this letter to confirm our telephone conversation on January 14, 1981 and hold this well information in confidence.

If we can be of any additional service please let us know.

Very truly yours,

HOME PETROLEUM CORPORATION

Rod Middleton

Rod Middleton
Drilling Foreman

RJM/jc

Home Petroleum Corporation
2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

December 29, 1980

Mr. Rod Middleton
Home Petroleum Corporation
2600 North Loop West
Houston, Texas 77092

Re: Home Petroleum 17-1A Federal
Mohave County, Arizona
Permit 705

Dear Mr. Middleton:

Please be advised that the six-month confidentiality period on the above well has expired. This period may be extended an additional six months by written request.

Please let us know if you desire the extension, and if not, give us written authority to release all information on this well.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os

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DEC 30 1980
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DENVER, COLORADO

RJM
home petroleum

RECEIVED

SEP 12 1980

O & G CONS. COMM.

September 10, 1980

Mr. Don Whittaker -
Director, Enforcement Section
Oil & Gas Conservation Commission
State of Arizona
1645 W. Jefferson
Suite 420
Phoenix, Arizona 85007

Dear Mr. Whittaker:

I talked with John Karabees this morning and he told me that you needed something in writing to hold our files as a tight hole. Please use this letter as our official notification to keep that information confidential.

Thank you.

Very truly yours,

HOME PETROLEUM CORPORATION

Rodney J. Middleton

Rodney J. Middleton
Drilling Foreman

RJM:mah

Home Petroleum Corporation
2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

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home petroleum

WPA
FILED
STUDIED

August 22, 1980

Oil and Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Attention: Mr. Sal Giardina

Re: State Permit 705
Federal #17-1A
Mohave County, Arizona

Dear Mr. Giardina:

In regards to your letter dated August 8, 1980, please find enclosed a copy of our stratigraphic log on the above well. Please accept our apology for not including this log.

Very truly yours,

HOME PETROLEUM CORPORATION

Steven C. Partain

Steven C. Partain
Drilling Engineer

SCP:mah

Enclosure

Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

August 8, 1980

Steven C. Partain
Home Petroleum Corp.
2600 N. Loop West
Houston, Texas 77092

Re: State Permit 705
17-1A Federal, Mohave County

Dear Mr. Partain:

We have received a Mud Log of the above-named well. This log contains sample descriptions but lacks any indication of the formations encountered or their contacts. We note in your letter of August 5 that you apparently intended to enclose a "Well Log" and a Mud Log. However, a Well Log was not included with the data received.

Perhaps your consulting geologist, Harvey Merrell, has provided you with a stratigraphic evaluation of this well. We would appreciate receiving a copy of any geologic/stratigraphic log of the well which you may have in order to complete our records.

Yours truly,

Sal Giardina
Staff Geologist

SGios

W. J. Allen
home petroleum

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AUG 7 1980

OIL & GAS CONSERVATION COMM.

August 5, 1980

Mr. Bill Allen
Oil & Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Federal #17-1A
Mohave County, Arizona
Plug and Abandon Reports

Dear Mr. Allen:

Please find enclosed the Application to Abandon and Plug, Plugging Record, Well Completion or Recompletion Report and Well Log and a copy of the Mud Log on the above named well.

We apologize for the delay in sending these forms and if you have any questions or comments, please feel free to call me at 713-680-4823.

Thank you.

Very truly yours,

HOME PETROLEUM CORPORATION

Steven C. Partain
Steven C. Partain
Drilling Engineer

SCP:mah

Enclosures

Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

July 30, 1980

Mr. Steven C. Partain
Home Petroleum Corp.
2600 N. Loop West
Houston, Texas 77092

Re: State Permit 705
No. 17-1A Federal
Mohave County, Arizona

Dear Mr. Partain:

On July 14, we notified you of the reports that must be completed on the above captioned well. As of this date we have received no response from you on this matter.

It is imperative that these reports be filed immediately.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os

CC: E. R. Ziegler, Drilling Supt.
Rodney J. Middleton, Drilling Foreman

July 14, 1980

Mr. Steven C. Partain
Home Petroleum Corp.
2600 N. Loop West
Houston, Texas 77092

Re: State Permit 705
No. 17-1A Federal
Mohave County, Arizona

Dear Mr. Partain:

On June 29 Mr. Tom Hunt received permission from Mr. W. E. Allen to plug the above captioned well. It is necessary to file the following reports to bring this well into compliance with state rules and regulations:

1. Application to plug
2. Plugging report
3. Completion report
4. Sample description
5. Electric logs
6. Core samples and analysis

If comparable reports have been filed with the U.S. Geological Survey, we will accept a copy of their report. Enclosed are report forms.

Yours truly,

Don Whittaker
Director
Enforcement Section

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Enc.

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home petroleum

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JUL 14 1980
O & G CONS. COMM.

July 4, 1980

Mr. Bill Allen
Oil & Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Federal #17-1A
Mohave County, Arizona

Dear Mr. Allen:

Please find attached the final Sundry Notice of the above named well for our weekly progress report for the period June 28 through July 3, 1980.

Very truly yours,

HOME PETROLEUM CORPORATION

Steven C. Partain/mah

Steven C. Partain
Drilling Engineer

SCP:mah

Attachment

Home Petroleum Corporation
2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

home petroleum

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JUN 30 1980

O & G CONS. COMM.

O & G CONS. COMM.

June 27, 1980

Mr. Bill Allen
Oil & Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Federal #17-1A
Mohave County, Arizona

Dear Mr. Allen:

Please find attached the Sundry Notice of the above named well for our weekly progress report for the period June 21 through June 27, 1980.

Very truly yours,

HOME PETROLEUM CORPORATION

Steven C. Partain

Steven C. Partain
Drilling Engineer

SCP:mah

Attachment

Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

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JUN 10 1980

O & G CONS. COMM.

June 6, 1980

Mr. Bill Allen
Oil & Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Federal #17-1A
Mohave County, Arizona

Dear Mr. Allen:

Please find attached the Sundry Notice of the above named well for our weekly progress report for the period May 31 through June 6, 1980.

Very truly yours,

HOME PETROLEUM CORPORATION

Steven C. Partain
Steven C. Partain
Drilling Engineer

SCP:mah

Attachment

Home Petroleum Corporation

2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

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home petroleum

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JUN 5 1980

O & G CONS. COMM.

June 2, 1980

Mr. Bill Allen
Oil & Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Federal #17-1A
Mohave County, Arizona

Dear Mr. Allen:

Please find attached the Sundry Notice of the above named well
for our weekly progress report for the period May 24 through 30, 1980.

Very truly yours,

HOME PETROLEUM CORPORATION

Steven C. Partain

Steven C. Partain
Drilling Engineer

SCP:mah

Attachment

Home Petroleum Corporation
2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

705

EDMUNDSON, INC.
R. B. EDMUNDSON

MAILING ADDRESS
P. O. BOX 1707
DENVER, COLORADO 80201
303 629-1850

RECEIVED

MAY 9 1980

O & G CONS. COMM.

May 7, 1980

Mr. W. E. Allen, Executive Secretary
Oil and Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, AZ 85007

Re: Proposed Jackrabbit Unit Area
Mohave County, Arizona

Dear Mr. Allen:

Enclosed for your consideration is a copy of the "Application for Designation of Proposed Unit Area and Determination of Depth of Test Well for the Jackrabbit Unit Area, Mohave County, Arizona".

Very truly yours,

EDMUNDSON, INC.

By R B Edmundson
R. B. Edmundson

RBE:mmm
Enclosure

705

255-

April 16, 1980

Home Petroleum Corp.
2600 North Loop West, Ste. 400
Houston, Texas 77092

Attention: Rodney J. Middleton

Re: Federal 17-1A
Mohave Co., Arizona

Dear Mr. Middleton:

Please find enclosed approved drilling permit and other pertinent information concerning the above captioned well. Please complete the organization report form and return to us.

We wish you success on this well; and if we can assist you in any way, please advise.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os
Enc.

705

home petroleum

April 11, 1980

Mr. Bill Allen
Executive Secretary
Oil & Gas Conservation Commission
1645 W. Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Home Petroleum Corporation
Home Petroleum Corporation-
Federal #17-1A
Section 17 T38N R10W
Mohave County, Arizona

Dear Mr. Allen:

Please find the enclosed Application to Drill along with the \$25.00 filing fee. Also enclosed is a copy of the Federal APD. If you have any questions please feel free to call at any time.

Thank you for your cooperation in this matter.

Very truly yours,

HOME PETROLEUM CORPORATION

Rodney J. Middleton

Rodney J. Middleton
Drilling Foreman

RJM:mah

Enclosures

Home Petroleum Corporation
2600 North Loop West
Houston, Texas 77092
713/686-7444
Telex 77-5871

705

HOME PETROLEUM CORP.
HOUSTON, TEXAS

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT REQUIRED.

DELUXE FORM DVTC-3 V-2

DATE	DESCRIPTION	AMOUNT
4/10/80	Permit to drill filing fee	\$25.00