

COUNTY Navajo AREA _____ LEASE NO. 1-149-IND-8511

Operator The Texas Co.
 WELL NAME #/ Skelly-Sinclair Navajo-A (see Big Point Quad)
 LOCATION SE NW SE SEC 3 TWP 41 RANGE 18E FOOTAGE 3300' FSL 4036' FEL
 ELEV 6693.8 GR 6662' HWF SPUD DATE 12-13-52 STATUS _____ TOTAL of Tract #3
 per USGS COMP. DATE 5-23-53 DEPTH 4523'

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
20"	43'	207 sx		<input checked="" type="checkbox"/>			
13 3/8"	423'	350					
9 5/8"	3426'	350					P&A

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
				SEE FILE - TOO NUMEROUS TO LIST
				Probably in SE 1/4 Sec 3 T41N-R18E See modern production diagram note 7/2/50 DJB

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Micro; Elec; GRN-Radioactivity			Am Strat
Rotary Engineering Co.			SAMPLE DESCRP.
			SAMPLE NO. P-16 T 280
			CORE ANALYSIS
			DSTs 2

REMARKS	APP. TO PLUG	PLUGGING REP.	COMP. REPORT
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	see USGS Log

WATER WELL ACCEPTED BY _____

BOND CO. Lumbermens Mutual Co. BOND NO. 5 A-181-275

BOND AMT. \$ 25,000 CANCELLED 4-23-57 DATE 4-13-59

FILING RECEIPT _____ LOC. PLAT WELL BOOK PLAT BOOK

API NO. 02-017-05065 DATE ISSUED 8-22-52 DEDICATION SW/4 SE/4

PERMIT NUMBER 13

(over)

DRILL STEM TEST

NO.	FROM	TO	RESULTS
1	3415	3462	failed
2	3426	3856	open 1 hr, weak blow air rec 314' mud FP 110-230# SIP 340#

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form O&G 55

Form Prescribed Under Oil and Gas Conservation Act 1951
APPLICATION TO ABANDON, PLUG, ~~DEEPEN~~, ~~SIDETRACK~~ OR ~~PERFORATE~~
(After Well Has Once Been Completed)

INSTRUCTIONS: -- File in duplicate with Commissioner. One copy will be returned with approval or denial.

FIELD: Wildcat
OPERATOR: The Texas Co. ADDRESS Box 1221, Pampa, Texas
LEASE: Navajo "A" WELL NO. 1 COUNTY Navajo
SURVEY: G&SRB&M SECTION 34 DRILLING PERMIT NO.: 13
LOCATION: 3300' South of Utah-Arizona State line and 4036' East of Navajo "A" lease (Tract 3). In SE₄ of Sec 34, T-42-N; R-18-E Navajo County, Arizona.
TYPE OF WELL: Dry Hole TOTAL DEPTH 4523'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) Dry Hole
LAST PRODUCTION TEST: OIL 0 (Bbls.) WATER 0 (Bbls.)
GAS 0 (M.C.F.) DATE OF TEST -

PRODUCING HORIZON Dry Hole PRODUCING FROM: - TO -

1. COMPLETE CASING RECORD:

30' of 20" conductor pipe set at 43' cemented with 207 sacks
411' of 13-3/8" surface casing set at 423' cemented with 350 sacks
3414' of 9-5/8" seamless casing set at 3426' cemented with 350 sacks

2. FULL DETAILS OF PROPOSED PLAN OF WORK: Fill hole with heavy mud and spot following plugs: 76 sacks 4250'-4050'; 95 sacks 3650'-3400', and after parting and pulling approximately 2500' of 9-5/8" casing, spot 74 sacks 2250'-2150', 111 sacks 1350'-1200', 30 sacks in bottom of 13-3/8" casing and 30 sacks in top of hole. All mud and cement plugs to be pumped in thru drill pipe. All casing except approx. 2500' of 9-5/8" will be left in hole.

If the well is to be deepened to another zone other than that covered by permit, this form shall be accompanied by a certified lease plat as is prescribed on Form No. O&G 51.

If well is to be abandoned, does proposed work conform with requirements of SW Rule 26? Yes. If not, outline procedure proposed above.

DATE COMMENCING OPERATIONS: May 21, 1953
NAME OF PARTY DOING WORK: Denman Drlg. Co. ADDRESS P.O. Box 1826, Wichita Falls, Texas
CORRESPONDENCE SHOULD BE SENT TO: The Texas Company

NAME: P. B. Brommer Jr.
TITLE: Asst. Dist. Superintendent
Box 1221, Pampa, Texas

APPROVED: 1 DAY OF June 1953
DENIED: _____ DAY OF _____ 19____.

STATE LAND COMMISSIONER
BY: J. R. Burger

NAVAJO COUNTY, ARIZONA

The Texas Company

Navajo No. 1-A

Sec. 32, T 47 N, R 18 E

3300 FSL & 4036 FWL of sec.

SPECIAL: Standard of California-7/19/57

7-30-57: LR to Mr. W. P. Winham

Permit # 13

#13

7931

PALEONTOLOGICAL REPORT (No report to subscribers)

July 30, 1957

2000-2900: No fossils found

2900-3350: Lower Des Moines (Cherokee) fusulines

3060-3350: Lower Cherokee types

3350: Top Atoka series, by fusulines & lithology

3350-3560: Atoka fusulines

3560-3700: No fossils found

3600: Suggested top Mississippian limestone, by lithology

Samples examined from 2000 to 3600 feet.

7/30/57

(SUBMIT IN TRIPLICATE)

Land Office Navajo Tribal

Lease No. I-149-IND-3511

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Texas-Skelly-Sinclair Pampa, Texas, May 23, 1953
Navajo "A" of Utah-Arizona State
Well No. 1 is located 3300 ft. from SW line and 4036 ft. from E line of see Navajo
"A" Lease (Tract 3) 41 18
SE 1/4 Sec. 26 3 12-N 18-E G&SRB&M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Section)
Wildcat Navajo Arizona
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6662 ft.

DETAILS OF WORK

Total Depth, 4523', Line. 20" conductor set and cemented at 43'. 13-3/8" casing set at 423', cemented to surface. 9-5/8" casing set and cemented at 3426' with a total of 350 sacks. (Top of cement by temperature survey, 3000').

This well has been drilled through the Pennsylvanian and Mississippian formations, and approximately 450' into the Devonian. Samples, mud-logging, electrical log, and two drill-stem tests indicate that none of the formations are productive. We, therefore, desire to plug and abandon this well as follows. Hole will be filled with heavy mud and the following cement plugs spotted: 75 sacks 4250-4050'; 95 sacks 3650-3400'; after parting and pulling all possible 9-5/8" casing (estimated 2500') 74 sacks 2250-2150'; 111 sacks 1350-1200'; and 30 sacks each in bottom and top of 13-3/8" surface casing, with 4" pipe marker cemented in top of hole. All mud and cement plugs will be pumped in through drill pipe. (Above plugging program approved verbally by Mr. P. T. McGrath on May 21, 1953).

Form 9-331a
(Feb. 1931)

(SUBMIT IN TRIPLICATE)

UNITED STATES

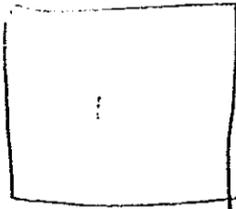
Budget Bureau 42-R3682
Approval expires 12-31-32

Land Office Navajo Tribal

Lease No. I-149-IND-3511

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED SHEET



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

Address BOX 1221

Pampa, Texas

By *[Signature]*

Title Asst. Dist. Supt.

THE TEXAS COMPANY
 NAVAJO "A"
 NW SW SE Section 34, T. 42 N., R. 18 E.
 se nw se 3 41

NAVAJO COUNTY

Formation Record

<u>From</u>	<u>To</u>	<u>Total Feet</u>	<u>Formation</u>
0	40	40	Soft surface sand
40	90	50	Sand
90	190	100	Brown shale
190	300	110	Brown sand and shale
300	697	397	Limey sand and sandy shale
697	910	213	Red sandy shale
910	930	20	White sand and shale
930	1325	395	Red sandy shale
1325	1780	455	Sand and sandy, limey shale
1780	1835	55	Sand
1835	2190	355	Sandy, limey red shale
2190	2555	365	Sand and limestone
2555	2590	35	Sand
2590	2610	20	Red shale
2610	2670	60	Sandy shale and some lime
2670	2770	100	Sandy shale and sand
2770	2785	35	Limestone
2785	3488	703	Cherty sand and limestone
3488	3585	97	Red & purple shale
3585	3740	155	Cherty limestone and some shale
3749	3925	185	Dolomite and limestone
3925	4010	85	Dolomite
4010	4080	70	Limestone and dolomite
4080	4120	40	Limestone
4120	4190	70	Red shale and limestone and dolomite
4190	4275	85	Dolomite and some shale
4275	4430	155	Dolomite and some sand
4430	4440	10	Sand
4440	4523	83	Dolomite and some sand

Total 4523

Formation Tops

Organ Rock	697' Appx.
Cedar Mesa	1325'
Halgaito	1835'
Rice	2207' Appx.
Hermosa	2785'
Molas	3488'
Mississippian	3585'
Devenian	4077' Appx.
Elbert	4192'

13

The summary on this page is for the condition of the well at above date.

Commenced drilling December 13, 1922 Finished drilling May 20, 1933

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to No. 4, from to
 No. 2, from to No. 5, from to
 No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to No. 3, from to
 No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
20" 2 3/8"	37	-	Line Pipe	30'	None				Conductor
13-3/8"	42 3/4	3	Standard	1111'	Oil				Production
9-5/8"	36 3/4	3	Standard	1111'	Oil				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	43'	207	Halliburton		Cement circulated
13-3/8"	423'	350	"		" "
9-5/8"	3425'	250-4% Gel & 100 regular	"		Top of cement 3000'

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adaptors—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from 0 feet to 4523' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____ Dry _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. McElroy _____, Driller A. D. Cunningham _____, Driller
 B. Holloway _____, Driller J. E. Garretson _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	40	40	Soft surface sand
40	90	50	Sand
90	190	100	Brown shale
190	300	110	Brown sand and shale
300	697	397	Limey sand and sandy shale
697	910	213	Red sandy shale
910	930	20	White sand & shale
930	1325	395	Red sandy shale
1325	1780	455	Sand & sandy, limey shale
1780	1835	55	Sand
1835	2190	355	Sandy, limey red shale
2190	2555	365	Sand and limestone
2555	2590	35	Sand
2590	2610	20	Red shale
2610	2670	60	Sandy shale and some lime
2670	2770	100	Sandy shale & sand
2770	2785	15	Limestone
2785	3488	703	Cherty sand and limestone
3488	3585	97	Red & purple shale
3585	3740	155	Cherty limestone & some shale
3740	3925	185	Dolomite & limestone
3925	4010	85	Dolomite
4010	4080	70	Limestone & dolomite
4080	4120	40	Limestone
4120	4190	70	Red shale & limestone & dolomite

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4190	4275	85	Dolomite and some shale
4275	4430	155	Dolomite and some sand
4430	4440	10	Sand
4440	4523	83	Dolomite and some sand
	-TOTAL-	4523	
<u>AFTER FORMATION LOG</u>			
<u>DEVIATION TESTS</u>		<u>BIT SIZE RECORD</u>	
400' - 1-1/4"	2350' - 2-1/4"	24" - 0' to 44'	
712' - 1-1/4"	3206' - 3-3/4"	17-1/4" - 44' to 430'	
1098' - 1"	3326' - 3-1/4"	12-1/4" - 430' to 3426'	
1446' - 1/2"	3464' - 2-3/4"	8-3/4" - 3426' to 4523'	
1633' - 3/4"	3793' - 2-1/4"		
1834' - 0"	3965' - 2-3/4"		
2263' - 0"	4143' - 2"		
2531' - 1/2"	4483' - 2-1/4"		
<u>FORMATION TOPS</u>			
	Organ Rock	- 697'	Appx.
	Cedar Mesa	- 1325'	
	Halgaito	- 1335'	
	Rico	- 2207'	Appx.
	Hermosa	- 2785'	
	Molas	- 3433'	
	Mississippian	- 3585'	
	Devonian	- 4077'	Appx.
	Elbert	- 4192'	

HISTORY OF OIL OR GAS WELL

16-42091-1 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

During the drilling of this well, which started in the Shinarump and was completed in the lower Devonian formation, samples, mid-logging, electrical logs, and two drill-stem tests indicated that none of the formations penetrated were productive. (Results of D.S.T.'s have been reported on Sundry Notices). No casing was "sidetracked" or other junk left in the hole. The Subsequent Report of Abandonment will give full detail on the casing recovered and the cement plugs spotted in the hole.

(SUBMIT IN TRIPLICATE)

Land Office Navajo Tribal
Lease No. I-149-IND-8511
Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of DST	<input checked="" type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Texas-Skelly-Sinclair Pampa, Texas, May 15, 1953
Navajo "A" of Utah-Arizona State
Well No. 1 is located 3300 ft. from SW line and 4036 ft. from E line of Navajo
"A" Lease (Tract 3)
SE - Sec. 34 42-N 18-E G&SR&M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Navajo Arizona
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6662 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 4190' Lime. On 5-12-53 ran DST No. 2 from 4152' to 4190'. Test tool open 55 minutes. Weak blow of air for 47 minutes. Recovered 60' of drilling mud, no oil, gas, or water. 30 minute Shut-in BHP-485#. Flowing Pressure - 0#. Hydrostatic Pressure - 1710#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY
Address Box 1221
Pampa, Texas
By [Signature]
Title Asst. Dist. Supt.

STATE OF ARIZONA

DEPARTMENT OF LAND



ARIZONA		STATE LAND DEPARTMENT	
Noted by	To	Date	
Ans. by		Date	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Navajo Tribal
Lease No. I-149-IND-8511
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of DST	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Texas-Skelly-Sinclair of Pampa, Texas, May 5, 1953
Navajo "A" of Utah-Arizona State

Well No. 1 is located 3300 ft. from XXX line and 4036 ft. from E line of Sec. Navajo
Lease (Tract 3)
SE 1/4 - Sec. 3 42-N 18-E G&SRB&M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Navajo Arizona
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6662 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 3856' Lime. On 5-2-53 ran DST No. 1 from 3426' to 3856'. Set hookwall packer in 9-5/8" casing at 3415'. Test tool open 1 hour. Weak blow of air for 30 min. Recovered 415' of drilling mud, no oil, gas or water. 30 minute shut-in BHP - 345#, Flowing Pressure 110# to 230#. Hydrostatic Pressure-1520#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

Address Box 1221

Pampa, Texas

By [Signature]

Title Asst. Dist. Supt.

STATE DEPARTMENT
WASHINGTON, D. C.
OFFICE OF THE SECRETARY
BUREAU OF LAND MANAGEMENT
DENVER, COLORADO

MEMORANDUM FOR THE SECRETARY
SUBJECT: [Illegible]

[Illegible text follows]

Very truly yours,
[Illegible Signature]

RECEIVED BY MAIL



Form 9-331a
(Feb. 1951)

APR 24 1953
A. P. [Signature]

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.2
Approval expires 12-31-52

Land Office Navajo Tribal
Lease No. I-149-IND-3511
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Texas-Skelley-Sinclair Pampa, Texas, April 22, 19 53
 Navajo "A" of Utah-Arizona State
 Well No. 1 is located 3300 ft. from Mc line and 4036 ft. from E line of sec Navajo
 "A" Lease (Tract 3)
34 - Sec. 34 41 18-E G&SRB&M
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Navajo Arizona
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6662 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Depth 3423' Line. On 4-12-53 at P.D. of 3426' set and cemented 104 jts. 3414' of 9-5/8", 36# & 40#, J-55 seamless casing at 3426' with 250 sacks 4# gel cement followed by 100 sacks common cement. Completed cementing at 7:20 P.M. (Casing depth changed in accordance with oral approval of P. T. McGrath on 4-8-53). Drilled plug at 6:15 P.M. 4-12-53. Tested casing with 600# surface pressure before drilling plug. No pressure drop in 15 min. After drilling plug and formation to 3423' lost circulation in new zone. Squeeze cemented thru retainer set at 3393' with total of 200 sacks common cement in two stages. Maximum cementing pressure 250#. This squeeze cement job tested O.K. with 1800# surface pressure on 4-19-53 before drilling ahead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

Address Box 1221

Pampa, Texas

By [Signature]

Title Asst. Dist. Supt.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

STATEMENT OF WORK AND REPORTS BY WATER

1. The purpose of this contract is to provide for the collection, analysis, and interpretation of water quality data for the purpose of determining the status of the water resources of the State of Nevada. The work to be performed under this contract includes the following:

2. The work to be performed under this contract includes the following:

The duration of the contract is to be for a period of 12 months.

DETAILS OF WORK

The work to be performed under this contract includes the following:

The work to be performed under this contract includes the following:



The work to be performed under this contract includes the following:

Form D-331a
(Feb. 1951)

APPROVED **JAN 8 1953**
H. P. [Signature]
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-11355-2
Approval expires 12-31-52

Land Office Navajo Tribal
Lease No. I-149-IND-8511
Unit E D

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		<input type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Texas-Skelly-Sinclair Pampa, Texas, January 3, 19 53
Navajo "A"
Well No. 1 is located 3300 ft. from SW line and 4036 ft. from E line of SE Navajo
"A" Lease (Tract 3)
SE 1/4 Sec. 34 42-N 18-E GASKRAM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox Navajo Arizona
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6662 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Depth 712' Sand & Shale. Spudded 8:00 A.M. 12-13-52. After drilling to 150' it was necessary to set and cement 1 joint, 30', of 20" 23.3# line pipe conductor at 43' with 207 sacks cement, to eliminate surface washout around cellar. Conductor cemented at 11:00 A.M. 12-16-52; plug drilled 7:00 A.M. 12-18-52. On 12-23-52 set and cemented 13 joints, 411', of 13-3/8" 48# H-40 casing at 423' with 350 sacks of cement. Completed cementing at 5:00 A.M. Cement circulated. (Casing depth changed in accordance with oral approval of P. T. McGrath on 12-22-52). Drilled plug at 10:00 A.M. 12-29-52. Tested casing before and after drilling plug with 500# pressure. Tested O.K.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company
Address Box 1221
Pampa, Texas
By [Signature]
Title Asst. District Supt.

STATE OF ARIZONA
DEPARTMENT OF LAND
AND WATER CONSERVATION
TULSA, OKLAHOMA

STATE OF ARIZONA DEPARTMENT OF LAND AND WATER CONSERVATION

TO THE HONORABLE COMMISSIONER OF LAND AND WATER CONSERVATION
STATE OF ARIZONA
TULSA, OKLAHOMA

RE: [Illegible text]

The following is a list of [Illegible text]

DEPT. OF WORK

(Specimens of the above mentioned [Illegible text] should be submitted to the [Illegible text] at the [Illegible text] office.)

ARIZONA	
STATE LAND DEPARTMENT	
Filed By	To
Date	Date



(SUBMIT IN TRIPPLICATE)

Land Office **Contract No.**
I-149-Ind-8511
Lease No. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Texas-Skelly-Sinclair
Navajo "A" LEASE #124974 Fort Worth, Texas, October 20, 1952.
South of Utah, Arizona State Line

Well No. 1 is located 3300 ~~ft.~~ ft. from ^{NE} line and 4036 ft. from ^E line of ~~the~~ Navajo
"A" Lease. Note: See plat attached.
_(14 Sec. and Sec. No.) ⁴¹ _(Twp.) ¹⁰ _(Range) ^{0430N R. 14M.} _(Meridian)
Wildcat **Navajo** **Arizona**
_(Field) _(County or Subdivision) _(State or Territory)

The elevation of the derrick floor above sea level is 6693.8 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

FORMATIONS EXPECTED	Approx.	SIZE CASING	CASING PROGRAM	ADD'L.
Shinarump (Triassic)	Surface		Set at	Cement
Hoskininni (Permian)	100'	13-3/8" 48# New	650'	600 BX.
De Chelly (Permian)	275'	9-5/8" 36# New	2200'	250 BX.
Organ Rock	620'	7" 23# New	5400'	450 BX.
Cedar Mesa	1300'			
Walgaito	1725'			
Alico (Permian-Penn)	2175'			
Hermosa (Penn)	2665'	Type of Tools: Rotary-surface to total depth		
Holas	4610'			
Miss. Dev. - Grd.	4685'			
Cambrian?	5385'			
Pre-Cambrian	6400'			

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Texas Company**
P.O. Box 1720
Address **Fort Worth, Texas**

THE TEXAS COMPANY

By J. J. Velten
J. J. Velten
Div. Civil Engineer

RECEIVED
DEC 19 1952
STATE LAND
DEPT.

STATE LAND DEPARTMENT

STATE OF ARIZONA

Form 98-C

Form Prescribed Under Oil and Gas Conservation Act of 1951

ABANDONMENT AND PLUGGING RECORD

(Within thirty days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commissioner, setting forth in detail the method used in plugging the well.)

PLUGGING METHODS AND PROCEDURE-- The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore when ever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) An uncased hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

Operator The Texas Company Field Wildcat
Pool Undesignated
County Navajo

Address all correspondence concerning this form to: The Texas Company

Street: P.O. Box 1221 City Pampa State Texas

Lease Name Texas-Skelly-Sinclair Well No. 1 Sec. 3 Twp. 41 Rge. 18E
Navajo "A" 34 2N

Date well was plugged May 23, 1953

Was the well plugged according to regulations of the Commissioner? Yes

Set out method used in plugging well and record of casing pulled: Filled hole with heavy mud and spotted following cement plugs: 76 sacks 4250'-4050'; 95 sacks 3650'-3400'. After parting & pulling 9-5/8" casing at 2502', spotted additional cement plugs as follows: 74 sacks 2250'-2150'; 111 sacks 1350'-1200', and 30 sacks each in bottom and top of 13-3/8" surface casing. Mud & cement plugs pumped in thru drill pipe.

STATE OF ~~ARIZONA~~ TEXAS (AFFIDAVIT)
COUNTY OF Gray
Asst. Dist. Supt.
P. D. Grommon, Jr.
The Texas Company
(Operator)

Before me, the undersigned authority, on this day personally appeared P. D. Grommon, Jr., known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this the 4th day of June 1953

My commission expires: 6-1-55

J. E. Torvie
Notary Public in and for Gray County

RECEIVED
JUN 6 1963
STATE LAND
DEPT.

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit
must be granted before drilling begins

Fort Worth, Tex. ~~XXX~~ Aug. 12, 1952

State Land Commissioner

In compliance with Statewide Rule 3, notice is hereby given that it is our
intention to commence the work of drilling well No. 1 Sec. 34 3,
T. 41 N, R. 18 E, G&SRM B. & M., _____ Field,
Navajo County.

Legal description of lease Navajo "A" (Texas-Skelly-Sinclair)
(Attach map or plat to scale)

Lands set out on attached plat. (Note: Townships in this area
have not been surveyed by USGLO)

Location of Well: 3300' S of Utah-Arizona State Line,
(Give exact footage from section corners or other

4036' W of E Line of Navajo "A" Lease (Texas-Skelly-Sinclair)
legal subdivisions or streets)

Proposed drilling depth 6000 feet. Acres in drilling unit 40. Has

surety bond been filed? Yes. Is location a regular or exception to
spacing rule? Regular.

Elevation of ground above sea level 6693.8 feet.

All depth measurements taken from top of Derrick Floor
(Derrick, floor, Rotary Table or Kelly

which is 10 (Est.) feet above the ground.
Pushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
13-3/8	48#	H-40 Smls.	Ground	650	650'
9-5/8	36#	J-55 Smls.	Ground	2200	2200'
7-5/8	23#	J-55 Smls.	Ground	5400	5400'

Intended Zone or Zones of completion:
Name

Perforated Interval

This is a wildcat which will be carried to the Cambrian if
production is not encountered higher.

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information contained
and statements herein made are to the best of my knowledge and belief, true, correct
and complete.

THE TEXAS COMPANY

(Applicant)
By [Signature]

Application approved this 22nd day of August 19 52

Permit NO. 13

[Signature]
State Land Commissioner

[Signature]
Deputy State Land Commissioner



6/5/84
 Permit # 13

The Section-Township-Range description of the location of Texaco-Skelly-Sinclair 1 Navajo is subject to discussion. A plat filed with the application to drill was made on a protraction diagram which included a row of partial sections in T42N-R.18E. The well was then described as being in Section 34-T42N-R.18E. This well was completed in 1953.

However, apparently the BLM has subsequently created a new protraction diagram. T42N is no longer present.

The metes and bounds location of the well is given by the Texaco survey as 3300' S of the Utah/Arizona State line and 4036' W. of E. line of the Navajo "A" lease line. MP204 on the state line is shown 1026.42' east of the lease boundary. This makes the location 3300' south of the State line and 5062' west of MP204. The Electric log carries this location.

Using the modern protraction diagram places the well in the SE 1/4 Section 3-T41N-R.18E.

est. 1400 fsl 1500 fcl

DJ Benna

ARIZONA 13? NAVAJO CO. HOSKINNI UNIT		PETROLEUM INFORMATION DENVER CASPER ROCKY MOUNTAIN OIL INFORMATION		42N P. 41N-18E Section 12 NE NW NW <i>See letters 300's of State</i>	
OPR: Texas-Sinclair-Skelly		WELL #: 1-A Navajo			
ELEV: 6694 DF		DSTS. & CORES:		SPUD: 12-13-52 COMPL:	
*TOPS: Block Sample		DST 3415-62, failed; DST 3426-3856, open 1 hr, weak blow air rec 314' mud, FP 110-230#, SIP 340(30")#, HP 1520#.		TD: 4523 FB: CSG: 9-5/8" # 3424 w/350	
Shinarump-Surface Moenkopi 90 DeChelly 550 Organ Rock 700 Cedar Mesa 1405 Halgaito 1810 Rico 2545 Hermosa 2795 Molas 3500 Leadville 3605 Devonian 4060		PERF: <i>Probably in SE 1/4 Sec 3 T41N-R18E</i> <i>See protraction diagram note</i> <i>DJB 7/4/84</i>		PROD. ZONE: INIT. PROD: <i>Plugged & abandoned.</i>	

8-27-53

*For Electric Logs on Rocky Mountain Wells—Ask Us!

6/5/88

Rec # 13

The Section-Township-Range description of the location of Texaco-Skelly-Sinclair 1 Navajo is subject to discussion. A plat filed with the application to drill was made on a protraction diagram which included a row of partial sections in T42N-R.18E. The well was then described as being in Section 34-T42N-R.18E. This well was completed in 1953.

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Using the modern protraction diagram places the well in the
* SE 1/4 Section 3-T41N-R.18E.

est. 1600 fsl 1500 fel

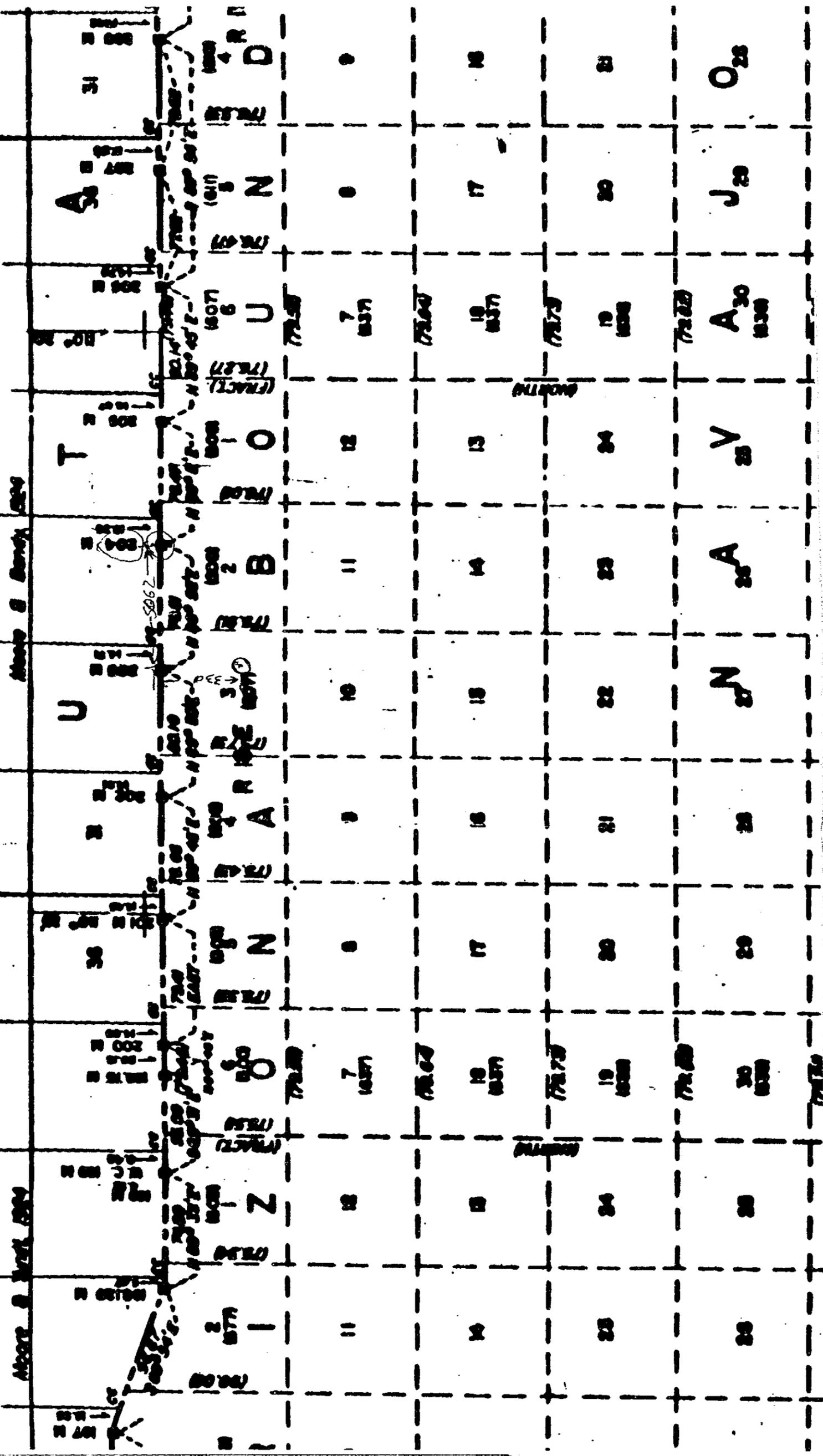
DJ Benna

0 40 80 120 160 200 240

CHAINS

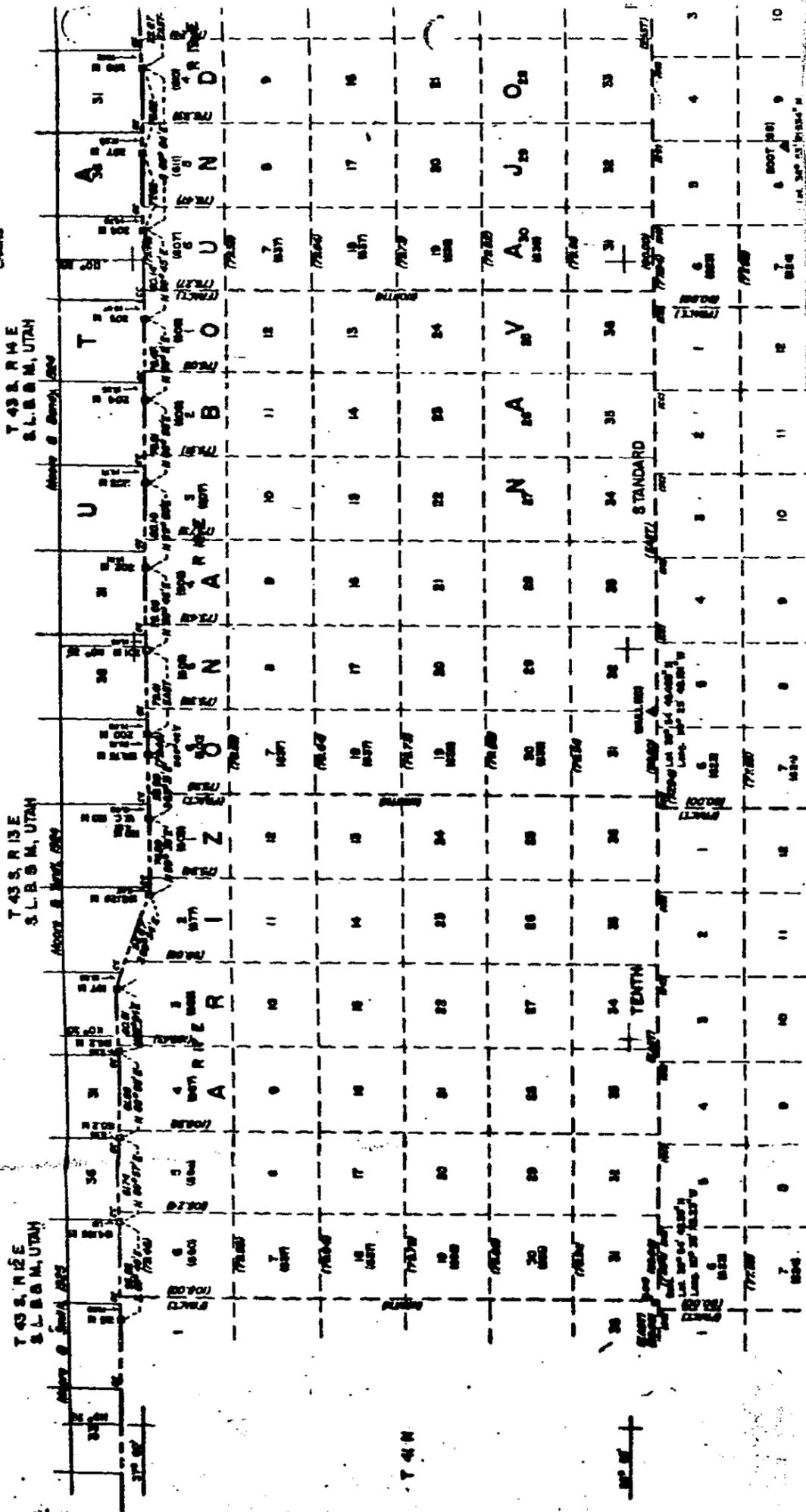
7/2/90

T 43 S, R 13 E
S. L. B. & M., UTAH



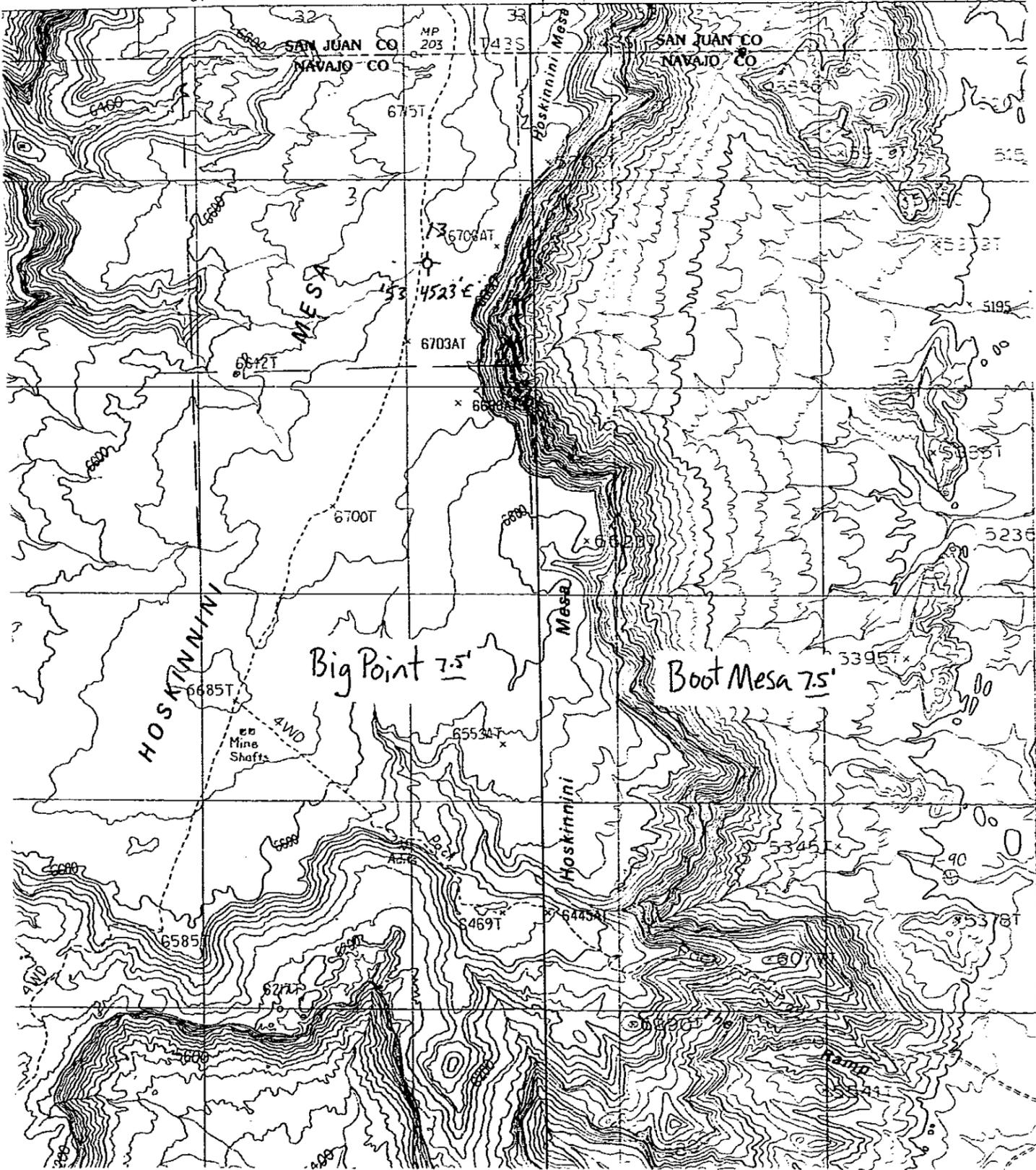
ARIZONA
 PROTRACTION DIAGRAM No 35
 BUREAU OF LAND MANAGEMENT
 AREA 2
 CADASTRAL ENGINEERING

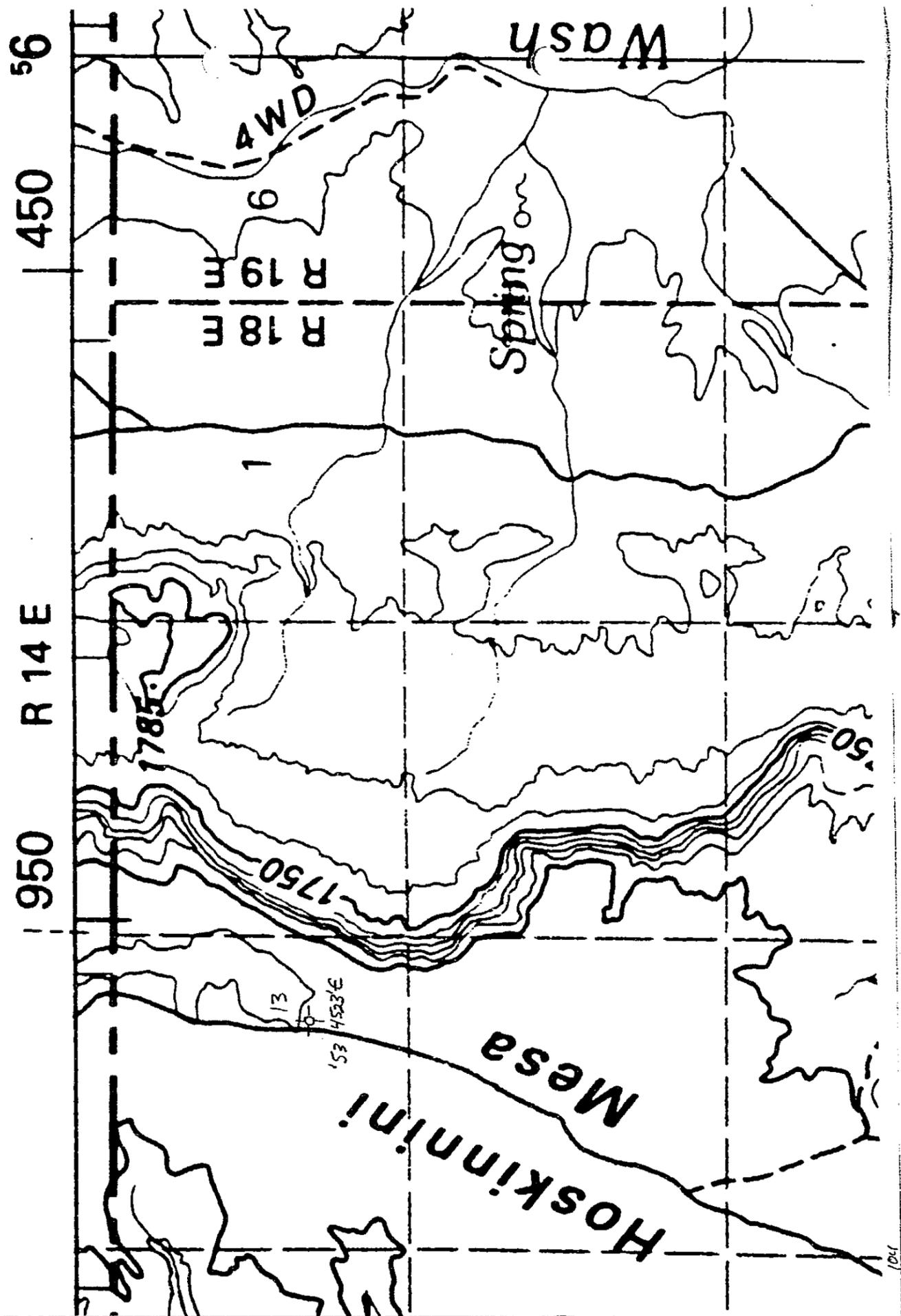
7/2/90

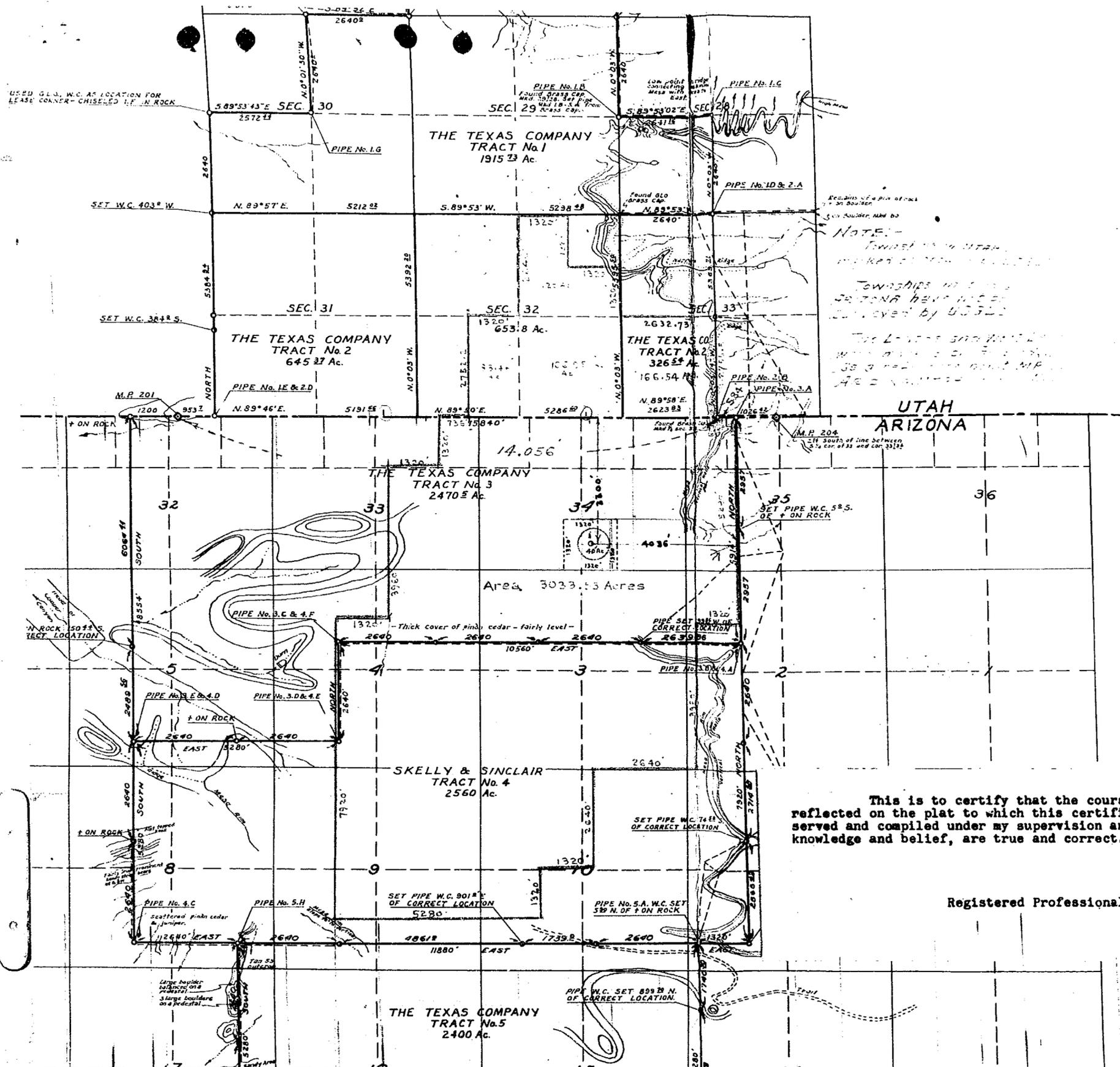


BIG POINT QUADRANGLE UNITED STATES
ARIZONA-UTAH DEPARTMENT OF THE INTERIOR
7.5 MINUTE SERIES (TOPOGRAPHIC GEOLOGICAL SURVEY)

554 555 110° 22' 30" 2 330 000 FEET (UTAH) 570000E







This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

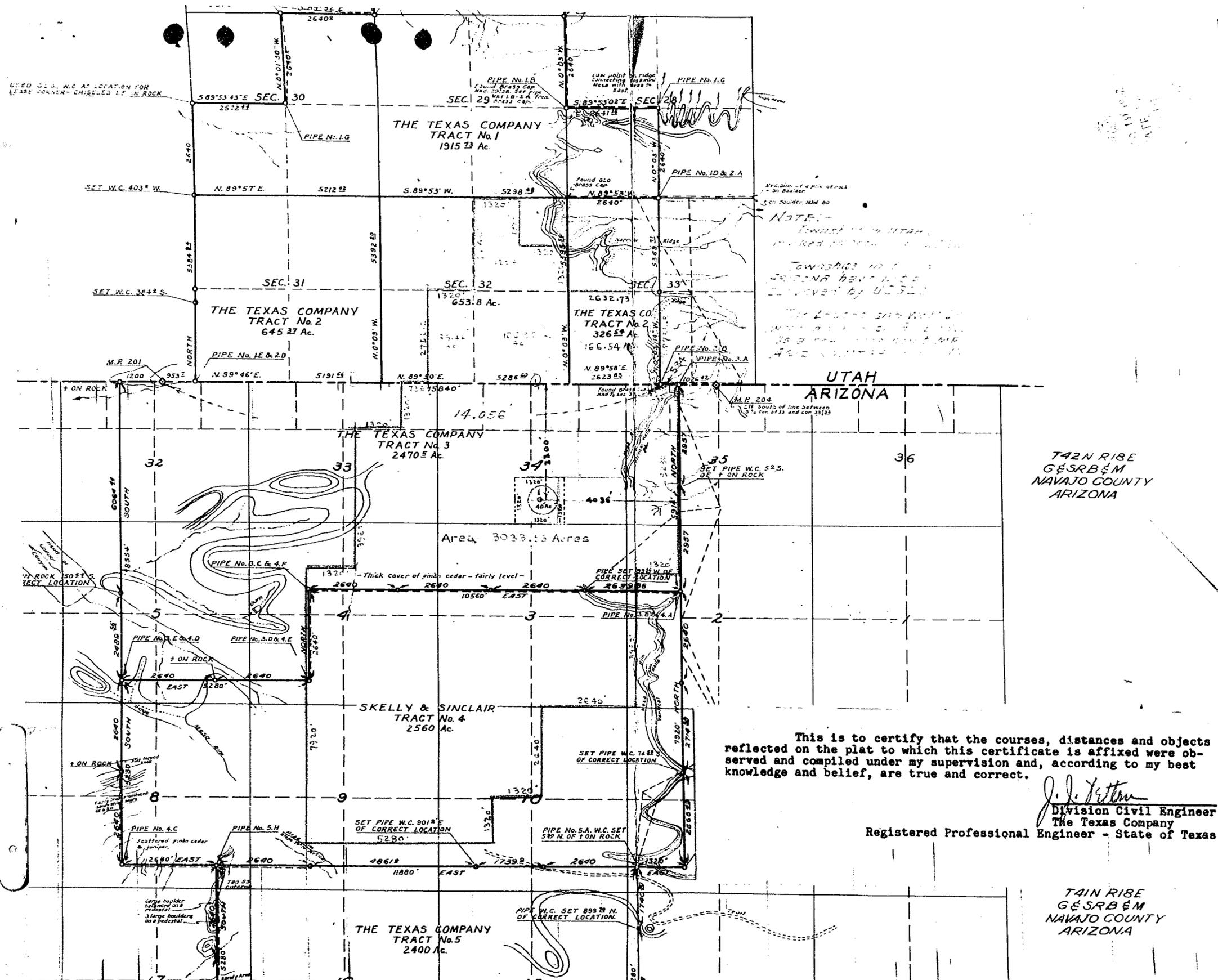
J. J. Yetter
 Division Civil Engineer
 The Texas Company
 Registered Professional Engineer - State of Texas

T42N RISE
 G&SRB&M
 NAVAJO COUNTY
 ARIZONA

32 x 11



TEXAS COMPANY
 SW SE 34-42N-18E NAVAJO CO.



This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Ketter
 Division Civil Engineer
 The Texas Company
 Registered Professional Engineer - State of Texas

T42N R18E
 G&SRB&M
 NAVAJO COUNTY
 ARIZONA

TEXAS 1 SKELLY-SINCLAIR
 SW SE 34-42N-18E NAVAJO CO.

100-100-100

USE
LEAS

RECEIVED
DEC 19 1952
STATE LAND
DEPT.

9

13

32 x 1



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

April 23, 1997

Ms. Carole Newton
Texaco
P.O. Box 2100
Denver, CO 80201

Re: Texaco, Inc.
\$25,000 Oil Drilling Blanket Bond No. M126180
Insurance Company of North America

Dear Ms. Newton:

Our records show that neither Texaco or any of its predecessors-in-interest listed in your fax memo of 4/16/97 have any outstanding drilling or plugging obligations in Arizona. As a result, this letter serves as written permission by the Arizona Oil and Gas Conservation Commission to cancel the referenced bond.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Administrator



Texaco Exploration and Production Inc
Denver Division

P O Box 2100
Denver CO 80201
4601 DTC Boulevard
Denver CO 80237

April 21, 1997

Mr. Steven L. Rauzi
Arizona Geological Survey
416 W. Congress, Ste. 100
Tucson, AZ 85701

Dear Mr. Rauzi:

Thank you for your letter dated April 16, 1997. Texaco does request a release from the INA Oil Drilling Bond No. M126180. Please send a confirmation of release to me. Thank you for your assistance.

Very truly yours,

Carole L. Newton

Carole L. Newton
EH&S/Retained Liabilities
(303) 793-4705



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

April 16, 1997

Ms. Carole Newton
Texaco
P.O. Box 2100
Denver, CO 80201

Re: Texaco, Inc.
\$25,000 Oil Drilling Blanket Bond No. M126180
Insurance Company of North America

Dear Ms. Newton:

Our records show that Texaco maintains the referenced oil drilling blanket bond and that neither Texaco or any of its predecessors-in-interest listed in your fax memo of 4/16/97 have any outstanding drilling or plugging obligations in Arizona. We have no record of written permission by the Arizona Oil and Gas Conservation Commission to terminate liability under the bond.

A copy of the referenced bond; Barton's letter of May 7, 1979; continuation certificate dated April 30, 1981; and Wilder's letter of June 9, 1981 are enclosed for your information and file.

Please advise me at the letterhead address if you have any questions or if Texaco wishes to be released from liability under the bond.

Sincerely,

Steven L. Rauzi
Oil & Gas Administrator

Enclosures

FAX

Date 4/16/97

Number of pages including cover sheet 1

TO: AZ O&G Conservation
Commission



Phone 520-770-3500
Fax Phone 520-770-3505

FROM: Carole Newton
Texaco
P. O. Box 2100
Denver, CO 80201

Phone (303) 793-4705
Fax Phone (303) 793-4490

CC:

REMARKS: Urgent For your review Reply ASAP Please Comment

Do your records show Texaco, Inc., Texaco Exploration & Production, Inc. or Texaco USA (or any of its predecessors-in-interest listed below) as having any blanket, surface, operating or plugging bonds?

1. The Texas Company
2. Dome Petroleum Corp.
3. Tidewater
4. Skelly
5. Getty
6. Seaboard Oil Company
7. Reserve Oil, Inc.
8. Lewis Producing

If so, please list the bond(s) and the amount(s) and what the bond covers. You may respond by fax or send your response to the above mailing address. Thank you for your assistance.



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST UNITED STATES
DENVER DIVISION
J. C. MENCIN, JR.
DIVISION LANDMAN

RECEIVED
MAY 10 1979
O & G CONS. COM. L.

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201
May 7, 1979

SURETY BONDS - ARIZONA
1.04-A

13

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

In March 1975, Texaco filed with you a \$25,000.00 surety bond for compliance with the Commission rules and regulations. The Surety named in that bond is the Lumbermens Mutual Casualty Company.

Texaco now desires to file a replacement bond and secure cancellation of the presnet bond due to a change in surety. To accomplish the replacement, enclosed is a new bond with Insurance Company of North America as surety. The bond has been properly executed by an Arizona resident agent.

If the enclosed bond is satisfactory please advise us of its acceptance, and the cancellation of the prior bond.

Very truly yours,

J. C. MENCIN, Jr.

By

G. L. Barton

G. L. Barton
Supervisor (Land Records)

GLB
ms

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. M 12 61 80

That we: Texaco Inc., a Delaware Corporation

of the County of Denver in the State of Colorado

as principal, and Insurance Company of North America
of 1050 - 17th Street, Suite 2200, Denver, Colorado 80202

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 \$25,000.00 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:

This is a blanket bond covering all wells drilled by Principal on lands within the State of Arizona

(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.

WITNESS our hands and seals, this 2nd day of April, 1979

TEXACO INC.

By: J.C. [Signature]
Agent and Attorney-in-Fact

WITNESS our hands and seals this 2nd day of April, 1979

INSURANCE COMPANY OF NORTH AMERICA

By: Lisa Eacker
Attorney-in-Fact
Surety Lisa Eacker
[Signature]
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: 5-10-79

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Seal

File Two Copies

Form No. 2

Permit No. _____



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 10, 1995

Mr. Roger Crocker
Hunt Oil Company
1445 Ross, Suite 17058
Dallas, Texas 75202

file 13

Dear Roger:

I've enclosed the material we talked about on the Texas Company 1 Navajo-A (also known as the Texas-Sinclair-Skelly #1-A Navajo). This material includes a copy of the mud log, electric log, micro log, generalized lith log, and some general information on the well's location.

The charge for 23 copies is 15 cents per page plus tax. I paid for the copies out of my own pocket and have enclosed the receipt for that; so I would appreciate, and look forward to, your reimbursing me personally for the costs. Please send the reimbursement to me at the letterhead address.

Do not hesitate to contact me if I may be of further assistance.

Sincerely,

Steve

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

State of Arizona
ARIZONA
GEOLOGICAL
SURVEY

23X	\$0.15
COPY	T
	\$3.45
ST	\$3.69
ST	\$3.69
TAX	\$0.24
CASH	\$4.00
CG	\$0.31

0636
CTHANKS 2
08-10-95 14:52



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

July 3, 1995

Ms. Elizabeth Coffman
Dwight's EnergyData, Inc.
4350 Will Rogers Parkway, Suite 101
Oklahoma City, OK 73108

file 13

Dear Ms. Coffman:

I have enclosed the information in our well-file numbers 10-18, 10-19, 12-2, 13, 46, 347, and 548 in response to your recent letter. The information in these early well files is very meager, including only a cover sheet as in 10-18 and 10-19. The information in 13, 46, 347, and 548 is a little better, and was made from the best available data (such as onion-skin paper, etc.). As a result, give me a call if some of the information is difficult to read and I will try to help you from the original material.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

This bond apparently
superseded by
Travelers Indemnity Bond
(no number shown)
with Texaco Inc as
Principal.

STATE OF ARIZONA

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona)
County of Maricopa)

KNOW ALL MEN BY THESE PRESENTS:

That we, The Texas Company, a corporation of Delaware,
hereinafter called Principal, and The Travelers Indemnity Co., a corp. of Conn.,
hereinafter called the Surety, are held and firmly bound unto the State of Arizona
in the sum of Ten Thousand Dollars (\$10,000) for the payment of which the Principal
and Surety bind themselves, their heirs, executors, administrators, successors and
assigns, jointly and severally, firmly by these presents.

Whereas the Principal has obtained a permit from the State Land
Commissioner to drill a well in search of oil or gas, and whereas said Principal is
required by provisions of the Oil and Gas Conservation Act of 1951 to deposit with
the said Commissioner a good and sufficient bond:

Now, therefore, the condition of the foregoing obligation is such that if
the Principal shall drill, case and plug all wells drilled by said Principal in
such manner as to prevent the escape of oil or gas from one stratum to another and
to prevent the intrusion of water into an oil or gas stratum from a separate
stratum, and to prevent the pollution of fresh water supplies by oil, gas or salt
water and in such manner as to prevent waste, and shall make reports to the
Commissioner showing the location of all oil and gas wells drilled by said
Principal, and shall file all logs and drilling records kept by said Principal
within six (6) months from the time of the completion or abandonment of any well
drilled for oil or gas and shall plug each dry or abandoned well in the manner
provided by the rules and regulations adopted by said Commissioner, then this
obligation to be null and void, otherwise to be and remain in full force and effect.

Witness our hands and seals this 1st day of August, 1952.

APPROVED AS TO FORM:

W. N. Sands

APPROVED AS TO TERMS:

Herbert Feinist
Commissioner

APPROVED

Henry Kratta
ARW

THE TEXAS COMPANY

BY: G. R. Bryant G. R. Bryant
Principal Vice President

ATTEST: E. B. Sullivan
Assistant Secretary

THE TRAVELERS INDEMNITY COMPANY

BY: John A. ...
Attorney-in-Fact Surety

Approved this 22nd day of August, 1952.

Jane R. Binger
Deputy State Land Commissioner

DATE CANCELLED

11-22-52

TO: THE ATTORNEY GENERAL
FROM: THE DEPARTMENT OF STATE LANDS
SUBJECT: [Illegible]

RECEIVED
APR 20 1952
STATE LAND
DEPT.

The Travelers Indemnity Company
Hartford, Connecticut

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint

— J. G. Hampton, P. D. Henry, H. C. Nowlin, all of Fort Worth, Texas, EACH —

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances or other written obligations in the nature thereof, as follows:

Any and all bonds, undertakings, recognizances or other written obligations in the nature thereof not exceeding in amount Five Hundred Thousand Dollars (\$500,000) in any single instance

CANCELLED

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 9. The Chairman of the Board, the President, any Vice President, any Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 11. Any bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the Chairman of the Board, the President or any Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary, or when signed by the Chairman of the Board, the President or any Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent; and any such bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority granted by his or their power or powers of attorney.

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 2nd day of November 1951.

(SEAL)

THE TRAVELERS INDEMNITY COMPANY

By J. C. Smith
Secretary

State of Connecticut, County of Hartford—ss:

On this 2nd day of November in the year 1951 before me personally came J. C. Smith to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary of THE TRAVELERS INDEMNITY 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 corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.

(SEAL)

Grace G. Holland
Notary Public

My commission expires April 1, 1954
State of Connecticut, County of Hartford—ss:

I. R. W. Kammann Assistant Secretary of The Travelers Indemnity Company, a corporation of the State of Connecticut, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said 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, at the City of Hartford, this day of 1951

I. R. W. Kammann
Assistant Secretary



THE TEXAS COMPANY
TEXACO PETROLEUM PRODUCTS



PRODUCING DEPARTMENT
WEST TEXAS DIVISION

Box 1221
Pampa, Texas

August 13, 1953

124974 - Navajo "A" Well No. 1
Navajo County, Arizona

Mr. Phillip W. Johnson
State Land Department
State of Arizona
Phoenix, Arizona

Dear Sir:

Please refer to my letter dated July 30, 1953,
above subject.

Since that date we have acquired a copy of
Lane Wells Radioactivity Log, which we are enclosing here-
with.

Yours very truly,

THE TEXAS COMPANY
Producing Department

By P. D. Grommon, Jr.
P. D. Grommon, Jr.
Asst. Dist. Supt.

PDG-MJ

Atch.



August 3, 1953

Mr. P. D. Grommon, Jr.,
Assistant District Superintendent,
The Texas Company
Box 1221
Pampa, Texas

Dear Mr. Grommon:

This will acknowledge receipt of a copy of Selumberger Well
Survey Electrical Log and Micro Log, and a copy of Rotary
Engineering Report on Navajo "A" Well No. 1, Navajo County,
Arizona.

We shall be glad to file these logs along with the various
other reports and data which pertain to this well and sincerely
wish to thank you for your prompt attention to this matter.

Sincerely yours,

Phillip W. Johnson, Geologist,
State Land Department

PWJ:mb

July 22, 1953

Mr. P. D. Grossman, Jr.,
Assistant District Superintendent,
The Texas Company
Box 1221
Pampa, Texas

Dear Mr. Grossman:

We are in receipt of the necessary papers concerning your recent operation of the Texas-Navajo A well located in Navajo County, Arizona.

One thing which has come to my attention however, is that we have not received copies of any electric logs, geologging analysis of logs or cores. I would greatly appreciate any effort you can make in helping secure any of this data for us.

I should also like to acknowledge the courteous and helpful co-operation which I received from Mr. Chester Farmer and all of the men working with him at the well. I deem it a privilege to have had this opportunity of working with the Texas Company and hope that in the future your Company will again have drilling operations in the State of Arizona.

Very truly yours,

Phillip W. Johnson, Geologist,
State Land Department

PWJ:mb
cc - Mr. L. F. Shiplet

ROTARY ENGINEERING COMPANY
WELL LOGGING SERVICE

701 SOUTH PECOS - DIAL 4-6631
MIDLAND, TEXAS

June 5, 1953

The Texas Company
P. O. Box 1221
Pampa, Texas

Attention: Mr. P. D. Grommen, Jr.

Gentlemen:

We are submitting to you fifteen copies of our hydrocarbon analysis log on your Navajo A-1 well in Navajo County, Arizona. The section logged was from 2906' to 4523'.

A description of the data shown on this log is given on the attached sheet.

We found no gas or oil shows in the entire section logged. There were four zones in the logged section from which we had no returns to analyze due to lost circulation. These are indicated in the lithology as NR (no returns).

We wish to thank you for the consideration and cooperation shown us and our personnel in securing our information on this well.

Yours very truly,

ROTARY ENGINEERING COMPANY

Jack E. Bliss

Jack E. Bliss
Co-General Manager

Enclosure
JEB/hrs

1. Drilling mud characteristics.
2. Bit record.
3. The drilling rate curve plotted in minutes per foot. It will be noted this is plotted so that on fast drilling the curve approaches the left margin of the log.
4. Depth.
5. Lithology.
6. Visual porosity column shown next to lithology column.
7. Leached residual oil units. This curve is obtained by applying solvent to the drill cuttings and evaluating by use of ultraviolet radiation the residual liquid hydrocarbons collected on the color reaction plates.
8. The percentage of sample showing oil fluorescence when viewed under ultraviolet radiation. All mineral fluorescence is excluded from this evaluation.
9. Two gas curves secured from the cuttings and shown in "gas from cuttings" column. The dotted curve is obtained by analyzing the cuttings for all combustible gases. The dashed curve is obtained by burning the gas at a predetermined reduced temperature. This curve represents all combustible gases other than methane.
10. Two gas curves secured from the mud return stream are plotted from the left margin of "gas from mud" column with increasing values extending to the right. The dotted curve is obtained by analyzing the mud for all combustible gases. The dashed curve is obtained by burning the gas at a predetermined reduced temperature. This curve represents all combustible gases other than methane.
11. Oil analyses are run on each two feet of samples.
12. Gas analyses are run on each two feet of samples.
13. All cuttings and mud samples are corrected for up-the-hole lag time.

June 1, 1953

Mr. P. D. Groomen, Jr.,
Assistant District Superintendent,
The Texas Company
Box 1221
Pampa, Texas

Dear Mr. Groomen:

This will acknowledge receipt of our form O&G 55 on Navajo "A",
Section 34, T. 42N, R. 15E, Navajo County which was recently
abandoned by your company.

Transmitted herewith please find a completed copy for your records
which has been approved as of June 1, 1953.

Very truly yours,

James R. Burger,
Deputy State Land Commissioner
State Land Department

JRB:mb
Encl. (1)

May 27, 1953

Mr. P. D. Grommon, Jr.,
Assistant District Superintendent,
The Texas Company
Box 1221
Pampa, Texas

Dear Mr. Grommon:

We are in receipt of your form 9-331a in which you state that your Company intends to abandon and plug Well #1, Navajo "A", Section 34, T. 42N, R. 18E., Navajo County, Arizona. Enclosed herewith are forms O&G 55, 56, in duplicate which we would appreciate having filled out and return to this office for completion. We also enclose duplicate copies of form O&G 63 if you plan on a test for water shut-off. Please complete these forms and return them to this office, after which time we will make proper distribution.

We greatly appreciate having had your full cooperation on past operations on this well such as sending this Department periodic reports, and if we can be of any future service to you, please feel free to call on us.

Very truly yours,

James R. Burger,
Deputy State Land Commissioner
State Land Department

JRB:mb
Enclosures

January 20, 1953

Mr. L. F. Shipler,
Assistant Division Manager,
The Texas Company
P. O. Box 1720
Fort Worth 1, Texas

Dear Mr. Shipler:

This is to acknowledge receipt of your U.S.G.S. Form 9-331a
which you sent us and for which we wish to thank you.

Very truly yours,

Phillip W. Johnson, Geologist
State Land Department

This report was mailed 11-12-54

Mr. Shipler
The Texas Company

Your letter addressed to Mr. James Burger was given to me to answer. Since its arrival, I have had the opportunity to speak to Mr. Phil McGrath who is in charge of the U. S. G. S. Oil and Gas Conservation Program at Farmington, New Mexico. Mr. McGrath showed me the federal forms which are required by the U. S. G. S. and I have made arrangements with him whereby he is to furnish the State Land Department with a copy of all the various forms he receives from a well operation. These forms will be acceptable to the State Land Department, but will not take the place of our forms #51, Intention to Drill, #55, Application to Deepen and Abandon, and #56, Abandonment and Plugging Record. Inasmuch as we have already received form #51 from your Company, it will only be necessary to turn in to us forms 55 and 56 which we inclose herewith.

You also requested information as to the sample cuttings which we desire. Under the conservation law, a complete set of samples taken at 5 or 10 foot intervals is mandatory and arrangements were made with Mr. Chester Farmer on my recent visit to pick up these samples at the rig. It is necessary for us to have a rather large sample cut because samples from northern Arizona are cut three ways by us. One set becomes a permanent library sample at the University of Arizona, another set becomes a permanent library sample for the Museum of Northern Arizona, Flagstaff, and the 3rd set is kept in the State Land Department for loan on a mailing basis to interested persons.

Mr. Shiplet
Page 2

There are four cooperating agents doing this work, namely the State Land Department, the U. S. G. S. Groundwater Branch, University of Arizona and the Museum of Northern Arizona.

We believe that such a program will go a long way in giving us stratigraphic information which would otherwise be unobtainable and we know that your company will be willing to cooperate by supplying samples. I sincerely hope that this letter will clarify the questions you had and also give you the information concerning our well drilling procedures. If I can be of any further service please feel free to call on me.

Very truly yours,

PWJ

August 29, 1952

The Texas Company
Box 1720
Fort Worth, Texas

Attention: E. W. Lewis
Div. Land and Leaseman

Gentlemen:

We are returning herewith copy of Notice of Intention To Drill New Well, which has been approved by the Land Commissioner. This copy is for your file.

Yours very truly

James R. Burger
Deputy State Land Commissioner

as
enc

13

August 22, 1952

The Texas Company
Box 1727
Fort Worth, Texas

Attention: E. W. Lewis
Div. Land and Leaseman

Gentlemen:

We are in receipt of bond for drilling oil and gas well in Township 42 North, Range 18E. The bond and the drilling permit have been approved, but it is necessary that we have additional copies of the Bond For Drilling Oil or Gas Well, and Notice of Intention To Drill New Well so that we may have them for our file and may send you a copy for your file. We are enclosing the forms herewith. Please complete and return for approval.

Yours very truly

James R. Burger
Deputy State Land Commissioner

as

13



OFFICE OF
State Land Department
 STATE OF ARIZONA
 Phoenix, Arizona

W. W. LANE
 STATE LAND COMMISSIONER

August 21, 1952

Mr. J. R. Burger
 Deputy State Land Commissioner
 407 Capitol Annex
 Phoenix, Arizona

Dear Pete:

In regards to the proposed drilling program of the Texas Company on their location in Sec. 34, T. 42 N., R. 18 E. I would say that it is entirely adequate. Water at that location would be much deeper than 650 feet and probably very salty. Thank you for the added information concerning Mr. Barry and I will call on them soon.

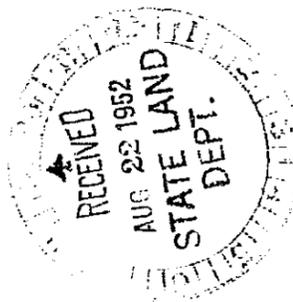
I have run out of stamps to carry on my State correspondence here and I would appreciate it if you would send me \$2 or \$3 worth so that I can repay the Survey and have a few stamps to carry on business. Thanks much.

Very truly yours,

Phillip W. Johnson
 State Geologist

PWJ/pj

ARIZONA STATE LAND DEPARTMENT		
Replied by	To	Date
Ans. by		Date



13

August 19, 1952

Mr. Phil Johnson
U. S. Geological Survey
Box 2270
Tucson, Arizona

Dear Phil:

We have an application for intention to drill a well by The Texas Company in Section 34, T. 42N. R. 18E, but by reason of the fact that this is unsurveyed land, this description has been protracted. The actual location is 330 ft. South of the Utah-Arizona State line, and the proposed drilling depth is 6000 ft. The Texas Company proposes to start with a 13-3/8" casing cemented to 450 ft. and to continue with their drilling string.

Do you consider their surface casing program adequate or can you suggest any alternate plan, if not adequate.

With respect to your letter concerning the ^{→ #11} Barry operations, the only information we have is that Colonel Lund is the representative for Mr. Barry, whose address is Rhode Island, so I guess it will be necessary for you to contact them at the well location to really get any information.

Yours very truly

James R. Burger
Deputy State Land Commissioner

JRB/as

August 19, 1952

Mr. C. J. Ray, Jr.
Petroleum Engineer
The Texas Company
Box 1720
Fort Worth 1, Texas

Dear Mr. Ray:

We are in receipt of notice of intention to drill an oil or gas well in Township 42 North, Range 18 East, G&SRM. We note in the application that you state a surety bond has been filed. However, to date we have not received such a surety bond, and before any further action can be taken on this application, it will be necessary that we receive this bond as outlined in the Rules and Regulations of Oil and Gas Conservation in Arizona, a copy of which you have. Your attention to this matter will be appreciated.

Yours very truly

James R. Burger
Deputy State Land Commissioner

JRB/as

