CONFIDENTIAL
Release Date

[redacted]

P-M

ARKLA EXPLORATION CO. #6 NMA 337
SE NW 5-17N-23E, Navajo County

sl

COUNTY Navajo AREA 13 mi E. Holbrook LEASE NO. N. Mexico Az Land Co.

WELL NAME ARKLA EXPLORATION CO. #6 NMA (Mineral strat test)

LOCATION SE SW SEC 5 TWP 17N RANGE 23E FOOTAGE 1008' FSL & 1604' FWL

ELEV 5603.7 GR 5611 KB SPUD DATE 12-18-65 STATUS COMP. DATE 1-12-66 TOTAL DEPTH 1635'

CONTRACTOR

| CASING SIZE | DEPTH | CEMENT | LINER SIZE & DEPTH |
|---|---|---|---|
| 9 5/8 | 104 | 125 Sx | |
| 7 | 1212 | 135 Sx | |
| | | | |

DRILLED BY ROTARY x
DRILLED BY CABLE TOOL
PRODUCTIVE RESERVOIR
INITIAL PRODUCTION P&A

| FORMATION TOPS | DEPTHS | SOURCE L.L. | SOURCE E.L. | REMARKS |
|---|---|---|---|---|
| T/Trm | 490' | | | |
| Coconino | 700' | | | |
| T/PSV | 1210' | | | |
| T/Salt | 1271' | | | |

| ELECTRIC LOGS | PERFORATED INTERVALS | PROD. INTERVALS |
|---|---|---|
| GRN | NA | NA |

SAMPLE LOG
SAMPLE DESCRP. 4 Corners
SAMPLE NO. 1507*
CORE ANALYSIS x
DSTs
*Tucson 3002

REMARKS Mineral Strat Test

APP. TO PLUG x
PLUGGING REP. x
COMP. REPORT x

WATER WELL ACCEPTED BY

BOND CO. U. S. Fidelity & Guaranty Co. BOND NO. 12176-13-601-605

BOND AMT. $ 25,000 CANCELLED 9-24-69 DATE ORGANIZATION REPORT 8-24-65

FILING RECEIPT 9435 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 02-017-05127 DATE ISSUED 12-13-65 DEDICATION

PERMIT NUMBER 337

CONFIDENTIAL
Release Date 7-12-66

(over)

[redacted]

DRILL STEM TEST

| NO. | FROM | TO | RESULTS |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

CORE RECORD

| NO. | FROM | TO | RECOVERY | REMARKS |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

REMEDIAL HISTORY

| DATE STARTED | COMPLETED | WORK PERFORMED | NEW PERFORATIONS |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

ADDITIONAL INFORMATION

14

# WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

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

## DESCRIPTION OF WELL AND LEASE

| Operator | Address |
|---|---|
| ARKLA EXPLORATION COMPANY | P.O. Box 669 - HOLBROOK, ARIZONA |

| Federal, State or Indian Lease Number or name of lessor if fee lease | Well Number | Field & Reservoir |
|---|---|---|
| NMA | 6 | STRAT TEST |

| Location | County |
|---|---|
| 1604 FWL 1008 FSL Se Sw | NAVAJO |

Sec. TWP-Range or Block & Survey: SEC. 5-T17N - R23E

| Date spudded | Date total depth reached | Date completed, ready to produce | Elevation (DF, RKB, RT or Gr.) feet | Elevation of casing hd. flange feet |
|---|---|---|---|---|
| 12-18-65 | 1-12-66 | | 5611 RKB | |

| Total depth | P.B.T.D. | Single, dual or triple completion? | If this is a dual or triple completion, furnish separate report for each completion. |
|---|---|---|---|
| 1635 | | | |

| Producing interval (s) for this completion | Rotary tools used (interval) | Cable tools used (interval) |
|---|---|---|
| NONE | | |

| Was this well directionally drilled? | Was directional survey made? | Was copy of directional survey filed? | Date filed |
|---|---|---|---|
| NA | NA | | |

| Type of electrical or other logs run (check logs filed with the commission) | Date filed |
|---|---|
| JET GRN | |

## 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 | Amt. pulled |
|---|---|---|---|---|---|---|
| SURFACE | 13 3/4" | 9 5/8" | 32.75 | 104 | 125 | NONE |
| INT | 8 3/4" | 7" | 20 | 1212 | 135 | NONE |
| | | | | | | |

### TUBING RECORD

| Size in. | Depth set ft. | Packer set at ft. |
|---|---|---|
| | | |

### LINER RECORD

| Size in. | Top ft. | Bottom ft. | Sacks cement | Screen (ft.) |
|---|---|---|---|---|
| | | | | |

### PERFORATION RECORD

| Number per ft. | Size & type | Depth Interval |
|---|---|---|
| | | |
| | | |

### ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

| Am't. & kind of material used | Depth Interval |
|---|---|
| | |
| | |

## INITIAL PRODUCTION

| 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'ted 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.....of the .....(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.

2-21-66
Date

James Bailey
Signature

RECEIVED
FEB 23 1966
STATE O & G
CONS. COMM.

Permit No. 337

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File One Copy
Form No. 4

(Complete Reverse Side)

## DETAIL OF FORMATIONS PENETRATED

| Formation | Top | Bottom | Description* |
|---|---|---|---|
| SPUD IN: | CHINLE | | |
| T/TRM | 490 | 700 | |
| COCONINO | 700 | 1210 | |
| T/PSV | 1210 | 1271 | |
| T/SALT | 1271 | T.D. IN SALT | |

* Show all important zones of porosity, 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

# PLUGGING RECORD

| Operator | Address |
|---|---|
| ARKLA EXPLO ATION COMPANY | P.O. Box 669 - Holbrook, Arizona |

| Federal, State, or Indian Lease Number, or lessor's name if fee lease. | Well No. | Field & Reservoir |
|---|---|---|
| New Mexico Arizona Land Company | 6 | Strat Test |

| Location of Well | Sec-Twp-Rge or Block & Survey | County |
|---|---|---|
| 1008' FSL 1604 FEL | 5 T17N - R23E | Navajo |

| Application to drill this well was filed in name of | Has this well ever produced oil or gas | Character of well at completion (initial production): Oil (bbls/day) | Gas (MCF/day) | Dry? |
|---|---|---|---|---|
| ARKLA EXPLORATION COMPANY | NO | | | |

| Date plugged: | Total depth | Amount well producing when plugged: Oil (bbls/day) | Gas (MCF/day) | Water (bbls/day) |
|---|---|---|---|---|
| 1-12-66 | 1635 | | | |

| Name of each formation containing oil or gas. Indicate which formation open to wellbore 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 |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## 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 |
|---|---|---|---|---|---|
| 9 5/8" | 104 | 0 | 104 | | |
| 7 " | 1212 | 0 | 1212 | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Was well filled with mud-laden fluid, according to regulations? | Indicate deepest formation containing fresh water. |
|---|---|
| Yes | Coconino |

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

| Name | Address | Direction from this well: |
|---|---|---|
| N/A | | |
| | | |
| | | |

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.

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Drilling Supt. of the ARKLA EXPLORATION COMPANY (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.

1-14-66
Date

James M Bailey
Signature

CONFIDENTIAL

Release Date 7-12-66

Permit No. 337

RECEIVED
JAN 18 1966
STATE O & G CONS. COMM.

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

Form No. 10

[redacted]

# APPLICATION TO ABANDON AND P[illegible]

FIELD Wildcat

OPERATOR Arkla Exploration Company ADDRESS Box 669 - Holbrook, Arizona

Federal, State, or Indian Lease Number
or Lessor's Name if Fee Lease New Mexico Arizona Land Department WELL NO. 6

SURVEY _____ SECTION 5 COUNTY Navajo

LOCATION 1008 FSL - 1604 FEL Sec 5 - T17N, R23E

TYPE OF WELL Strat Test (Oil, Gas or Dry Hole) TOTAL DEPTH 1635

ALLOWABLE (If Assigned) _____

LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)

GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD 9 5/8" - 104'
7" - 1212'

2. FULL DETAILS OF PROPOSED PLAN OF WORK

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes. If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS 1-12-66

NAME OF PERSON DOING WORK James S. Baldry ADDRESS Box 669 - Holbrook, Arizona

CORRESPONDENCE SHOULD BE SENT TO James S. Baldry
Name
Drilling Supt.
Title
Holbrook, Arizona
Address
1-14-66
Date

RECEIVED JAN 18 1966 STATE O & G CONS. COMM.

Date Approved 1-24-66

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: John Bannister

Permit No. 337

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies
Form No. 9

CONFIDENTIAL

Release Date 7-12-66

9

# 337

GPS 3-15-66

(NMA #6)

ARKLA EXPLORATION COMPANY

Drilling Record

WELL NAME: NMA Core Test #5

WELL LOCATION: 1000' FSL 1604 FEL Sec 5, T12N, R25E
[illegible] County, [illegible]

WELL ELEVATION: 5611 : KB

CONTRACTOR: [illegible]

SPUD DATE: 12-16-65 8:00 PM (A)

SIZE HOLE DRILLED: 11" " TO 104 '

TYPE DRILLING FLUID: Gel

SURFACE CASING:
Size 9 5/8 ", Wt. 32.3 #, No. Sacks Cement 125(B)
Cementing Depth: 104 '

SIZE HOLE DRILLED: 8 3/4 "

TYPE DRILLING FLUID: Flo Sal (C)

INTERMEDIATE CASING:
Size 7 ", Wt. 20 #, No. Sacks Cement 135 (D)
Cementing Depth 1212 '

SIZE HOLE DRILLED OR CORED:
6 1/4 " from 1212 ' to 1635 ' (E)
" from ' to '
" from ' to '
" from ' to '

DRILL STEM TESTS:
None

NO. BITS USED: 4

ELECTRIC LOGS RAN:
Type Jet GRN from 1635 ' to 0 '
from ' to '

ABANDONMENT PLUGS:
No. Sacks Cement 125 from [illegible] ' to 950 '
from ' to '

WAS CASING RECOVERED?
Depth Shot ', ', '
No. Feet Recovered 0 '
No. Feet Not Recovered 1212 '

DATE DRILLING RIG RELEASED: 1-12-66

COMPANY REPRESENTATIVE James S. Baldry - Max Wolfsey

SPECIAL NOTES: Unusual drilling problems encountered, etc.
A - Shut Rig down @ 11:00 PM 12-10-65 until 7:30AM 1-2-66
B - Circulated Cement
C - Lost Circulation @ 585'
D - Temp Su-vey cement top @ 560'
E - Drld to 1252' - Set 7" csg @ 1252' Drld and cored to 1352' Straight-
ened hole @ 1252' - Set 7" csg @ 1252' Drld and cored to 1366' -
Straightened hole @ 1352' Drld and cored to vertical TD @ 1635'

DETAILED CORE ANALYSIS
DESCRIPTION

WELL NAME: NMA # 6

LOCATION:

ELEVATION:

CORE WS # 1 1330-1356 REC 26'

30-33 SH 20% SALT

33-35 SALT 30% SH

35-37 SALT 20% SH ANHY INCLS & BAND

37-40 SALT 10% SH

40-43 SALT 40% SH

43-5.8 SALT TRS SH

5.8-46 SH

46-55 SH 20% SALT - 1346.3 BISCUIT LIKE PTNG

55-56 SALT CSE XLN TRS SH LT MLKY

1356-82 REC. 26'

56-58 SH 30% SALT

58-62 SALT 30% SH

62-65 SALT VLT ORNG TRS SH & ANHY BANDS KCL?

65-9.5 SALT KCL - LT ORNG - ORNG TRS SH

9.5-78 SALT 50% SH

78-82 SALT LT ORNG 10% SH

1382-1392 REC.

82-87 SALT LT ORNG ORNG ANHY INCLS

87-92 ? 20% SALT

WS # 2 1362-1388 REC 26'

62-3.5 SALT 20% SH

3.5-65 SALT LT ORNG

65-69 SALT 10% SH KCL

69-70.4 SALT ORNG TRS KCL K5 1370.4

70.4-77 SH 40% SALT

77-82 SALT 30% SH

82-88 SALT LT ORNG TRS SH & ANHY INCLS.

CORE V 1360-1386 REC 26'

60-62 SALT 20% SH

62-64 SALT LT ORNG ANHY CNCLS

64-67 SALT TRS SH KCL RED & CLOUDY

67-67.8 SALT LT ORNG TRS KCL - K5 1367.8

67.8-75 SH 30% SALT

75-79 SALT LT ORNG 10% SH

79-86 SALT LT ORNG TRS SH ANHY INCLS.

CORE V

DETAILED CORE DESCRIPTION

1360-1364.7 (4.54) .23 SALT 10% SH .45 SALT VLT MLKY TRS SH .19 SH 10% SALT (ZONE OF ANHY BANDS A 1360.86 A-B .61 B-C .41 C-D .20 D-E .20 E-F .30 F-G .80) .61 SALT 10% SH TR KCL .43 SALT VLT MLKY TR KCL ANHY INCLS & PTNG TR SH .87-70% ANHY & ORNG MAT. 30% SALT TR KCL RED - .82 SALT 30% ORNG MAT ANHY TRS KCL .20 SALT 20% SH TRS KCL .74 SALT 20% SH RED & GRN KCL RED TR CLOUDY.

64.7-9.65 (4.99) 1.35 SALT 20% SH KCL RED & CLOUDY - HOT .70 SALT 20% SH KCL RED & CLOUDY - HOT .56 SALT LT MLKY KCL RED & CLOUDY ORNG MAT .53 SALT LT MLKY KCL ORNG MAT. (K5 1367.75 ANHY PTNG) 1.85 SH 40% SALT.

9.65-75.5 (5.35) 1.85 SH 20% SALT 1.75 SH 20% SALT (BISCUIT LIKE PTNG 1372.8 HOT) .60 SH 20% SALT 1.15 SALT 40% SH.

75/05-80.7 (5.62) 2.05 SALT 30% SH 1.69 SALT 20% SH 1.88 SALT 10% SH ANHY I... INCLS.

80.7-86 (5.06) 1.7 SALT 20% SH 5% ANHY & ORNG MAT. 1.6 SALT 30% SH 1.76 SALT 20% SH.

1-14-66

337

DETAILED CORE ANDCRIEEDON
DESCRIPTION

WELL NAME: NMA # 6

LOCATION:

ELEVATION:

CORE WS # 1 1330-1356 REC 26'

| | |
|---|---|
| 30-33 | SH 20% SALT |
| 33-35 | SALT 30% SH |
| 35-37 | SALT 20% SH ANHY INCLS & BAND |
| 37-40 | SALT 10% SH |
| 40-43 | SALT 40% SH |
| 43-5.8 | SALT TRS SH |
| 5.8-46 | SH |
| 46-55 | SH 20% SALT - 1346.3 BISCUIT LIKE PTNG |
| 55-56 | SALT CSE XLN TRS SH LT MLKY |
| | 1356-82 REC. 26' |
| 56-58 | SH 30% SALT |
| 58-62 | SALT 30% SH |
| 62-65 | SALT VLT ORNG TRS SH & ANHY BANDS KCL? |
| 65-9.5 | SALT KCL - LT ORNG - ORNG TRS SH |
| 9.5-78 | SALT 50% SH |
| 78-82 | SALT LT ORNG 10% SH |
| | 1382-1392 REC. |
| 82-87 | SALT LT ORNG ORNG ANHY INCLS |
| 87-92 | ? 20% SALT |
| WS # 2 | 1362-1388 REC 26' |
| 62-3.5 | SALT 20% SH |
| 3.5-65 | SALT LT ORNG |

337

65-69 SALT 10% SH KCL

69-70.4 SALT ORNG TRS KCL K5 1370.4

70.4-77 SH 40% SALT

77-82 SALT 30% SH

82-88 SALT LT ORNG TRS SH & ANHY INCLS.

CORE V 1360-1386 REC 26'

60-62 SALT 20% SH

62-64 SALT LT ORNG ANHY INCLS

64-67 SALT TRS SH KCL RED & CLOUDY

67-67.8 SALT LT ORNG TRS KCL - K5 1367.8

67.8-75 SH 30% SALT

75-79 SALT LT ORNG 10% SH

79-86 SALT LT ORNG TRS SH ANHY INCLS.

CORE V

DETAILED CORE DESCRIPTION

1360-1364.7 (4.54) .23 SALT 10% SH .45 SALT VLT MLKY TRS SH .19 SH 10% SALT (ZONE OF ANHY BANDS A 1360.86 A-B .61 B-C .41 C-D .20 D-E .20 E-F .30 F-G .80) .61 SALT 10% SH TR KCL .43 SALT VLT MLKY TR KCL ANHY INCLS & PTNG TR SH .87-70% ANHY & ORNG MAT. 30% SALT TR KCL RED - .82 SALT 30% ORNG MAT ANHY TRS KCL .20 SALT 20% SH TRS KCL .74 SALT 20% SH RED & GRN KCL RED TR CLOUDY.

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75/05-80.7 (5.62) 2.05 SALT 30% SH 1.69 SALT 20% SH 1.88 SALT 10% SH ANHY IC INCLS.

80.7-86 (5.06) 1.7 SALT 20% SH 5% ANHY & ORNG MAT. 1.6 SALT 30% SH 1.76 SALT 20% SH.

1-14-66

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DETAILED CORE ANDCRIPTION
DESCRIPTION

WELL NAME: NMA # 6

LOCATION:

ELEVATION:

CORE WS # 1 1330-1356 REC 26'

30-33 SH 20% SALT

33-35 SALT 30% SH

35-37 SALT 20% SH ANNY INCLS & BAND

37-40 SALT 10% SH

40-43 SALT 40% SH

43-5.8 SALT TRS SH

5.8-46 SH

46-55 SH 20% SALT - 1346.3 BISCUIT LIKE PTNG

55-56 SALT CBE XLN TRS SH LT MLKY

1356-82 REC. 26'

56-58 SH 30% SALT

58-62 SALT 30% SH

62-65 SALT VLT ORNG TRS SH & ANHY BANDS KCL?

65-9.5 SALT KCL - LT ORNG - ORNG TRS SH

9.5-78 SALT 50% SH

78-82 SALT LT ORNG 10% SH

1382-1392 REC.

82-87 SALT LT ORNG ORNG ANHY INCLS

87-92 ? 20% SALT

WS # 2 1362-1388 REC 26'

62-3.5 SALT 20% SH

3.5-65 SALT LT ORNG

DO NOT REMOVE FROM FILE

337

65-69 SALT 10% SH KCL

69-70.4 SALT ORNG TRS KCL K5 1370.4

70.4-77 SH 40% SALT

77-82 SALT 30% SH

82-88 SALT LT ORNG TRS SH & ANHY INCLS.

CORE V 1360-1386 REC 26'

60-62 SALT 20% SH

62-64 SALT LT ORNG ANHY INCLS

64-67 SALT TRS SH KCL RED & CLOUDY

67-67.8 SALT LT ORNG TRS KCL - K5 1367.8

67.8-75 SH 30% SALT

75-79 SALT LT ORNG 10% SH

79-86 SALT LT ORNG TRS SH ANHY INCLS.

CORE V

DETAILED CORE DESCRIPTION

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75/05-80.7 (5.62) 2.05 SALT 30% SH 1.69 SALT 20% SH 1.88 SALT 10% SH ANHY INCLS.

80.7-86 (5.06) 1.7 SALT 20% SH 5% ANHY & ORNG MAT. 1.6 SALT 30% SH 1.76 SALT 20% SH.

1-14-66

387

September, 17, 1969

Following is a list of upper hole samples brought in by Arkla Exploration Sept. 16,1969

| | | |
|---|---|---|
| 337 #6 NMA | Sec.5-17N-23E | Navajo Co. Ariz. |
| 334 #7 NMA | Sec.24-17N-22E | Navajo Co. Ariz. |
| 359 #10 NMA | Sec.27-16N-23E | Navajo Co. Ariz. |
| 357 #15 NMA | Sec.5-16N-23E | Navajo Co. Ariz. |
| 342 #16 NMA | Sec.13-16N-23E | Navajo Co. Ariz. |
| 362 #19 NMA | Sec.23-16N-22E | Navajo Co. Ariz. |
| 364 #20 NMA | Sec.31-17N-23E | Navajo Co. Ariz. |
| 360 #23 NMA | Sec.21-18N-23E | Navajo Co. Ariz. |
| 340 #24 NMA | Sec.18-18N-23E | Navajo Co. Ariz. |
| 331 #33 NMA | Sec.21-17N-22E | Navajo Co. Ariz. |
| 343 #55 NMA | Sec.3-15N-22E | Navajo Co. Ariz. |
| 355 #25 State | Sec.18-16N-23E | Navajo Co. Ariz. |
| 363 #31 State | Sec.34-16N-23E | Navajo Co. Ariz. |

These will have to be sent out on order list therefore will be a few weeks before they are cut.

Jo Ratcliff
Jo Ratcliff
Four Corners Sample Cut

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐ RE-ENTER OLD WELL ☐

NAME OF COMPANY OR OPERATOR ARKLA EXPLORATION COMPANY DATE DECEMBER 6, 1965

P.O. Box 669 – Address | HOLBROOK, City | ARIZONA State

## DESCRIPTION OF WELL AND LEASE

| Federal, State or Indian Lease Number or name of lessor, if fee lease | Well number | Elevation (ground) |
|---|---|---|
| NEW MEXICO ARIZONA LAND COMPANY | NMA #6 | 5603.78 |

Well location and acreage dedicated to the well (give footage from section lines): 1008' FSL, 1604' FWL (SE SW)

Section—township—range or block & survey: 5 T-17-N, R-23-E G&SRM

Field & reservoir (If wildcat, so state): WILDCAT – MINERAL STRATIGRAPHIC TEST

County: NAVAJO

Distance, in miles, and direction from nearest town or post office: 13 MILES EAST OF HOLBROOK, ARIZONA

Nearest distance from proposed location to property or lease line: feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: N/A feet

| Proposed depth: | Rotary or cable tools | Approx. date work will start |
|---|---|---|
| 1600' | ROTARY | DECEMBER 9, 1965 |

Number of acres in lease: N/A

Number of wells on lease, including this well, completed in or drilling to this reservoir: N/A

If lease, purchased with one or more wells drilled, from whom purchased: Name N/A Address

| Status and amount of bond | Organization Report On file Or attached | Filing Fee of $25.00 Attached |
|---|---|---|
| $25,000.00 STATEWIDE | ~~ATTACHED~~ | X |

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

PLEASE KEEP ALL INFORMATION CONFIDENTAL

*Fill in Proposed Casing Program on reverse side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the DISTRICT GEOLOGIST of the ARKLA EXPLORATION COMPANY (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.

Warren E. Carr
Signature

12-6-65
Date

Permit Number: 337
Approval Date: 12-14-65
Approved By: John F. Bannister

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

See Instruction on Reverse Side of Form

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Application to Drill, Deepen or Plug Back and Plat

File Two Copies

Form No. 3

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat.

2. 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.

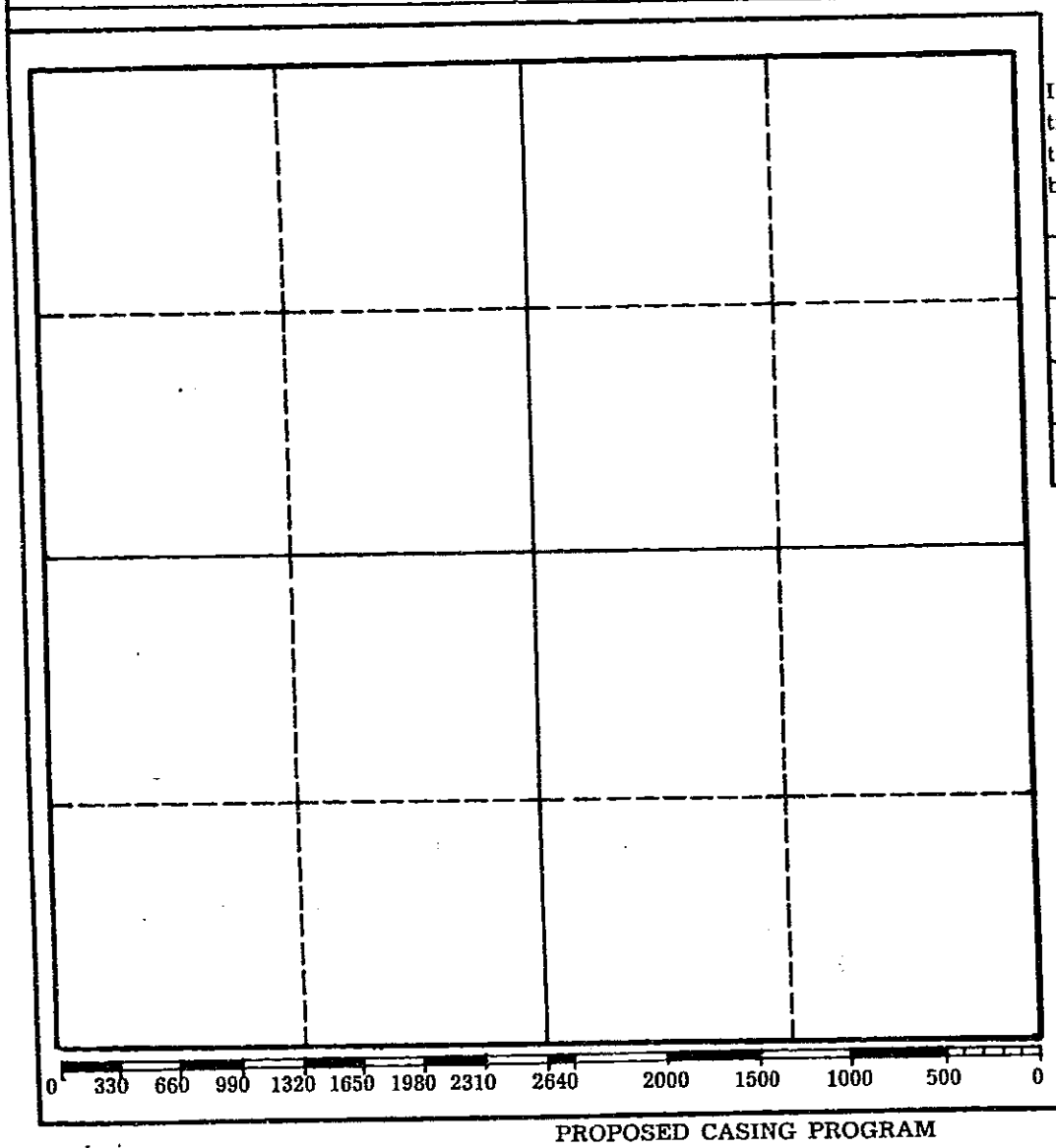
3. All distances shown on the plat must be from the outer boundaries of the Section.

4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO_____.

5. 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_____

6. 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.

Name
W. E. CARR

Position
DISTRICT GEOLOGIST

Company
ARKLA EXPLORATION COMPANY

Date
DECEMBER 6, 1965

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.

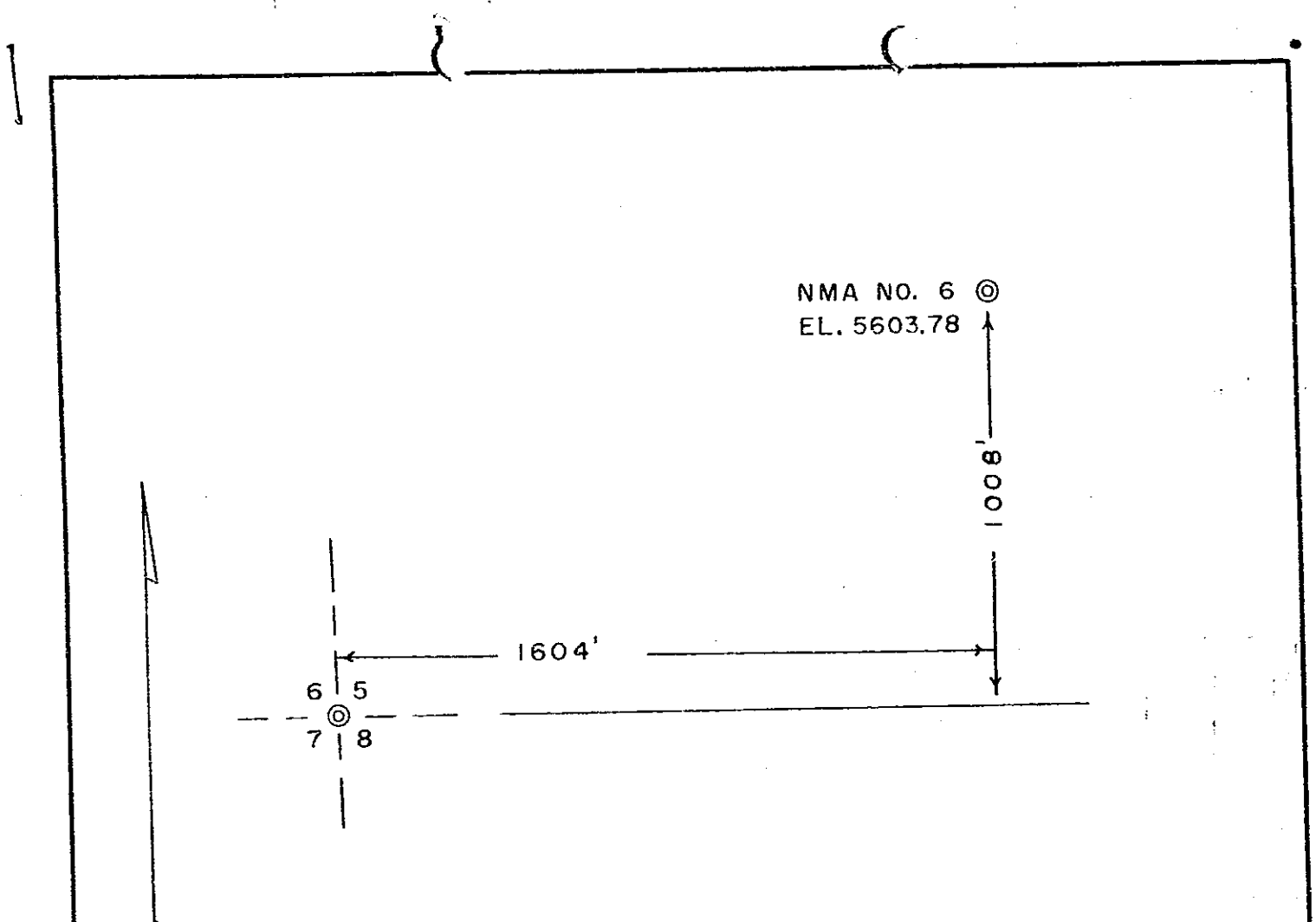
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

PROPOSED CASING PROGRAM

| Size of Casing | Weight | Grade & Type | Top | Bottom | Cementing Depths | Sacks Cement |
|---|---|---|---|---|---|---|
| 9 5/8" | 32# | J USED | | | 90' | 25 |
| 7" | 20# | J USED | | | 1200' | 150 |




ARKLA EXPLORATION COMPANY

HOLBROOK AREA PROJECT

NMA NO. 6 DRILL-SITE

SEC. 5, T.17N. R.23E., G.&S.R.B.&M.
NAVAJO COUNTY ARIZONA
SCALE 1" = 400' DEC. 3, 1965
SURVEYED BY: HARVEY W. SMITH, E.M.
REGISTERED MINING ENGINEER
U.S. MINERAL SURVEYOR

Harvey W. Smith
66

# PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: ARKLA EXPLORATION COMPANY
(OPERATOR)

to drill a well to be known as

ARKLA EXPLORATION COMPANY #6 NMA
(WELL NAME)

located 1008' FSL and 1604'FWL (SE NW)

Section 5 Township 17N Range 23E, Navajo County, Arizona.

The _____ 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.

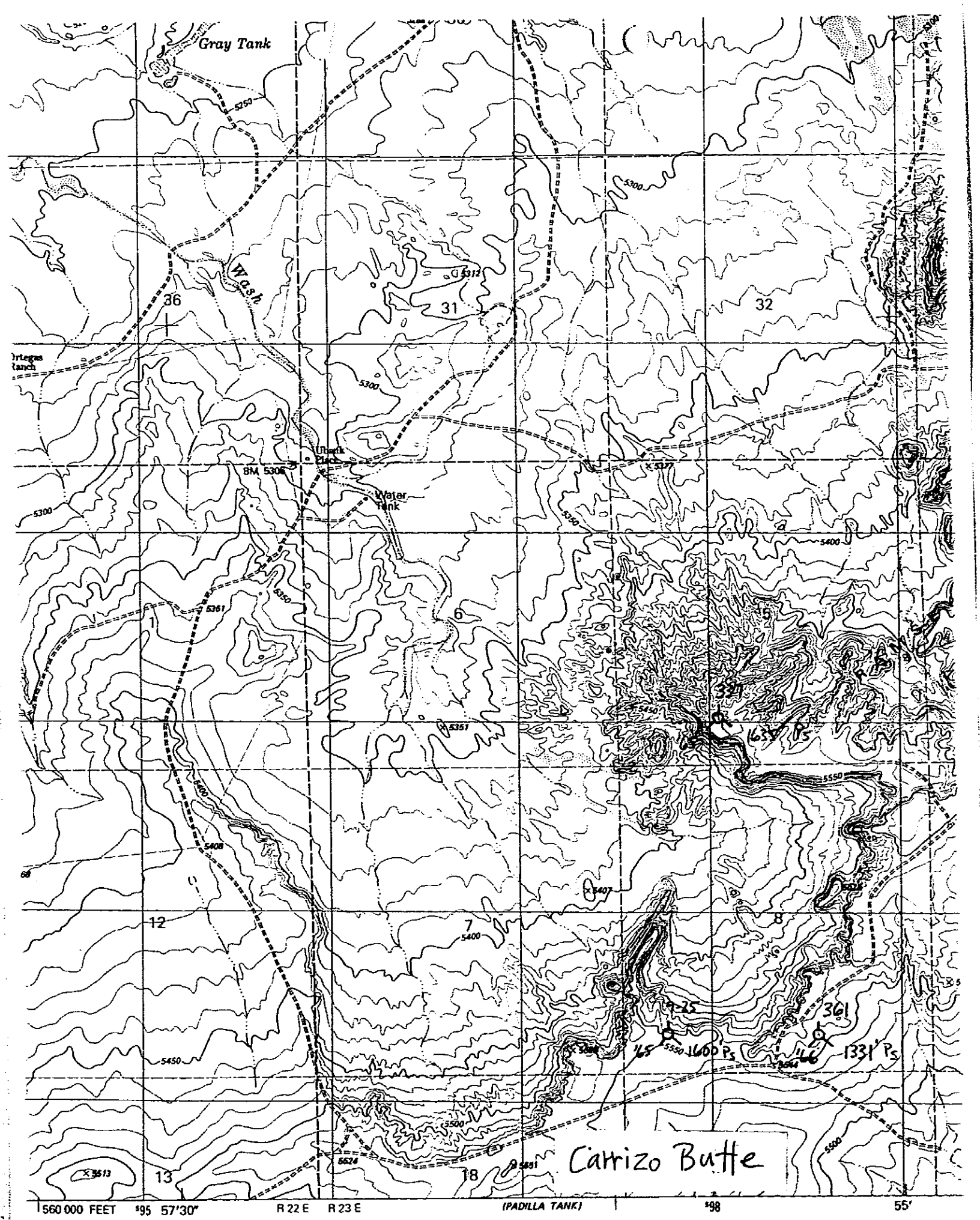
Issued this 13th day of December, 19 65.

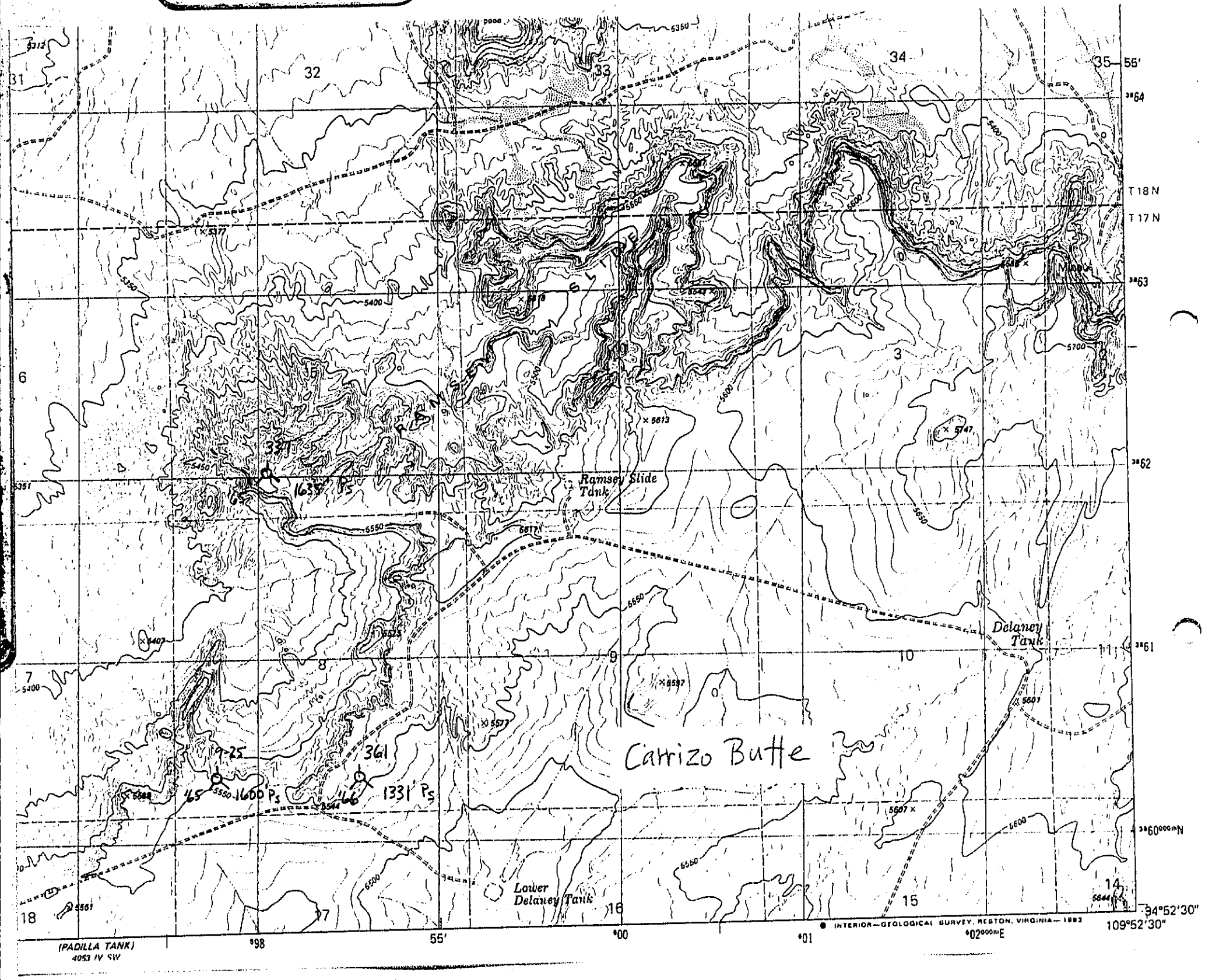
OIL AND GAS CONSERVATION COMMISSION
By John V Bannister
EXECUTIVE SECRETARY

PERMIT No. 337

RECEIPT NO. 9435

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill
FORM NO. 27


Gray Tank
Wash
36
31
32
Ortegas Ranch
Water Tank
BM 5306
5300
5350
5400
5450
5500
5550
5600
1
6
5
12
7
8
13
18
Cattizo Butte
560 000 FEET
R 22 E
R 23 E
(PADILLA TANK)



Carrizo Butte
Ramsey Slide Tank
Delaney Tank
Lower Delaney Tank
RAMSEY SLIDE
T 18 N
T 17 N
55'
34°52'30"
109°52'30"
(PADILLA TANK)
4053 IV SW
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

Arkla Expl Co
- NMA #6V
- NMA #6 WI
Navajo, Ariz.

Gentlemen:

Thank you for your courtesy and cooperation in loaning us the enclosed print (s).

We will appreciate the opportunity to be of service at any time.

Rocky Mountain Well Log Service Co.
Denver, ~~Casper,~~ ~~Dallas.~~

Thanks,
Carl R. Moser

January 22, 1974

Mr. Ted Strickland
Rocky Mountain Well Log Service Co.
1753 Champa Street
Denver, Colorado 80202

Dear Mr. Strickland:

As per your request of January 18, 1974, we are enclosing two Radioactivity logs on the Arkla Exploration #6 NMA well, 5-17N-23E, Navajo, Arizona. # 337

We do not have data on the Spreckles Sugar wells.

The Humble #1 State (32) well logs are presently out of the office. We will forward them to you as soon as possible. We would appreciate receiving another envelope to mail the Humble logs to you.

Very truly yours,

W. E. Allen, Director
Enforcement Section

Rhema L. Brandt
Sec. to W. E. Allen

/rlb

Encs.

Returned 2-8-74

# Rocky Mountain Well Log Service Co.

1753 Champa Street
DENVER, COLORADO

266-0588 Area Code 303
80202

BOB ANDREWS, Division Manager

CASPER, WYOMING
BOB FITZGERALD
PETR. BLDG.-ARCADE
PHONE 234-6921

MIDLAND, TEXAS
DAVID CLARK
105 WEST WALL
PHONE 682-0591

January 18, 1974

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Ave.
Phoenix, Arizona 85013

Attention: W. E. Allen, Director

Dear Mr. Allen:

May we again borrow a few logs from your files there? The logs that we need are on the attached list.

We will return them to you as soon as possible. Thank you once again.

Very truly yuurs,

Rocky Mountain Well Log Service Co.

Ted Strickland
Ted Strickland

TLS:ck

Encl.

337

RECEIVED
JAN 21 1974
O & G CONS. COMM.

Humble Oil & Refg.
#1 State (32)
5-16S-15E
Pima, Arizona

597 - out of office

Spreckles Sugar Co.
Factory #5 Well #4
27-2S-5E
Maricopa, Arizona

Spreckels Sugar Co.
Factory #5 Well #2
27-2S-5E
Maricopa, Arizona'

Spreckels Sugar Co.
#5 Factory Well #1
27-2S-5E
Maricopa, Arizona

Spreckels Sugar Co.
#3-5 Factory
27-2S-5E
Maricopa, Arizona

10 file

Arkla Expl.
#6 NMA
5-17N-23E
Navajo, Arizona

331.

RECEIVED
JAN [illegible] 1974
O & G CONS. COMM.

OFFICE OF

# Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

September 24, 1969

Mr. Charles C. Campbell
Executive Vice President
Rebsamen and East
Tower Building
Little Rock, Arkansas 72201

Re: U. S. Fidelity & Guaranty Company
Bond No. 12176-13-601-65

Dear Mr. Campbell:

Records of this office indicate that on 9-24-69 Arkla Exploration Company fulfilled their obligations to the Commission as to the requirements pertaining to the wells covered by the captioned bond. We authorize termination of this bond effective this date.

Yours truly,

John Bannister
Executive Secretary

jf

B31

cc: Arkla Exploration Company

This does not release Arkla from the obligation to furnish the additional mineral information and substanstiating logs.

Operator Arkla Exploration Company

Bond Company U.S. Fidelity & Guaranty Co. Amount ~~$10,000~~ 25,000

Bond No. 12176-13-601-65 Date Approved 8-30-65

Permits covered by this bond:

323
324
326
327
328
329
331 333, 334, 335, 337, 340, 342, 343
357
358
359
360
361
362
363
364

CANCELLED
DATE 9-21-69

Bond itself filed in permit #364

337

OFFICE OF

**Oil and Gas Conservation Commission**

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

August 11, 1969

Mr. Warren E. Carr
Chief Geologist
Arkla Exploration Company
P. O. Box 1439
Oklahoma City, Oklahoma 73101

Dear Scooter:

We have received a letter from Rebsamen and East who are the brokers on the Arkla bond. They indicate that your company wishes to have the bond released. We have gone through the files and find that things are in pretty good order; however, we require samples on each of the wells listed on the attached pages. Jim Scurlock indicated that he was under the impression that there were a number of samples in Holbrook that should be delivered to this Commission.

I talked with John today and he reviewed the Arkla situation and informed me that although we would release the bond when the various sample requirements are met, we would still look to Arkla Exploration Company at an indefinite future date for additional mineral information and substantiating logs covering those depths you tested.

I believe that the delivery of this information is a gentleman's agreement between the responsible parties of Arkla and the Executive Secretary of this Commission.

Yours truly,

James A. Lambert
Administrative Assistant
JAL:jf
Enc.
cc: Rebsamen and East, Little Rock, Arkansas

Arkla Exploration Company #55 NMA
NE/4 NE/4 Section 3-T15N-R22E
Navajo County
Permit #343

Arkla Exploration #15 NMA
SW/4 NW/4 Section 5-T16N-R23E
Navajo County
Permit #357

Arkla Exploration #25 State
SE/4 NW/4 Section 18-T16N-R23E
Navajo County
Permit #358

Arkla Exploration Company #10 NMA
SW/4 SE/4 Section 27-T16N-R23E
Navajo County
Permit #359

Arkla Exploration #23 NMA
NE/4 NE/4 Section 21-T18N-R23E
Navajo County
Permit #360

Arkla Exploration Company #33 New Mexico
NW/4 SW/4 Section 21-T17N-R22E
Navajo County
Permit #331

Arkla Exploration #7 New Mexico
NW/4 SW/4 Section 24-T17N-R22E
Navajo County
Permit #334

Arkla Exploration Company #6 NMA
SE/4 SW/4 Section 5-T17N-R23E
Navajo County
Permit #337

Arkla Exploration Company #24 NMA
NE/4 SW/4 Section 18-T18N-R23E
Navajo County
Permit #340

Arkla Exploration #16 NMA
NW/4 NW/4 Section 13-T16N-R23E
Navajo County
Permit #342

331

Operator Arkla Exploration Company

Bond Company U.S. Fidelity & Guaranty Co. Amount ~~$10,000~~ 25,000

Bond No. 12176-13-601-65 Date Approved 8-30-65

Permits covered by this bond:

323

324

326

327

328

329

331 ✓ 333 ✓ 334 ✓ 335 ✓ 337 ✓ 340 ✓

342 ✓ 343 ✓

357 ✓

358 ✓

359 ✓

360 ✓

331

OFFICE OF

# Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

August 11, 1969

Mr. Charles C. Campbell
Executive Vice President
Rebsamen and East
Tower Building
Little Rock, Arkansas 72201

Re: U. S. Fidelity & Guaranty Company
Bond #12176 13 601 65

Dear Mr. Campbell:

This Commission requests a certain curative matter be furnished on various wells drilled under the U. S. F. & G. bond posted by Arkla Exploration Company. We will advise your office by mail when this Commission is willing to release the captioned bond.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf
Enc.

Rebsamen and East
INCORPORATED

INSURANCE - BONDING

TOWER BUILDING, LITTLE ROCK, ARKANSAS 72201 • FP 2-7141

August 6, 1969

State of Arizona
Oil & Gas Conservation Commission
Room 202, 1624 West Adams
Phoenix, Arizona 85007

Re: Arkla Exploration Company, Shreveport, Louisiana
U. S. Fidelity & Guaranty Co. Bond 12176 13 601 65

Gentlemen:

We have been advised by the Arkla Exploration Company that they no longer need the above captioned bond covering blanket drilling for oil or gas in the State of Arizona. In accordance with this, we kindly request your release of surety and termination of the bond to be effective the anniversary date of August 25, 1969.

Your advice will be appreciated. Thank you.

Sincerely,

Charles C. Campbell
Executive Vice President

CCC/cac

cc: Arkla Exploration Company

337

January 24, 1966

ArkLa Exploration Company
P.O. Box 669
Holbrook, Arizona

Re: ArkLa Exploration #6 NMA well
SE/4NW/4 5-17N-23E, Navajo County
Permit 337

Gentlemen:

Enclosed is approved copy of Application to Plug and Abandon captioned well.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

337

December 15, 1965

Arkla Exploration Company
P.O. Box 669
Holbrook, Arizona

Attention: Mr. Warren Carr

Re: Arkla Exploration #6 NNA
SE SW 5-17N-21E, Navajo County
Permit 337

Arkla Exploration Co. #1 State 6935
SW NE 32-16N-24E, Apache County
Permit 324

Arkla Exploration #39 NNA
SE NE 19-17N-23E, Navajo County
Permit 333

Arkla Exploration #36 NNA
NE NE 19-17N-23E, Navajo County
Permit 333

Gentlemen:

Enclosed is Permit to Drill and Receipt 9433 for the #6 NNA well. Since only one copy of the Application to Drill was received, we cannot forward you an approved copy.

We are enclosing approved copies of Application to Abandon and Plug the #1 State, #39 NNA and #36 NNA holes. We would remind you that Well Completion Reports should be filed with this Commission within 60 days of completion on these holes.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

337

*Mining Consultant* *U. S. Mineral Surveyor* *Topographic Maps*


HARVEY W. SMITH, E. M.

REGISTERED MINING ENGINEER

1331 NORTH 70TH STREET 946-0989

SCOTTSDALE, ARIZONA


Dec. 4, 1965

Mr. John Bannister
Oil And Gas Conservation Commission
1624 West Adams
Phoenix, Arizona

Dear Mr. Bannister:

Enclosed are the copies of the map which I discussed with you by telephone on Friday, Dec. 3, 1965.

The application for the drilling permit will be submitted by ARKLA under separate cover.

Yours truly,

Harvey W. Smith

Harvey W. Smith, E.M.

RECEIVED
DEC 6 1965
STATE O & G
CONS. COMM.

337

337

*"del tierra engineering"*