

~~CONFIDENTIAL~~
Release Date 5/2/85

P-W

ARKLA EXPLORATION #64 State
NE SE 16-16N-22E, Navajo County 529

sl

COUNTY Navajo AREA 1 1/2 mi E. Woodruff LEASE NO. State TP 7236

WELL NAME ARKLA EXPLORATION CO. #64 STATE (Street)

LOCATION SE NE SEC 16 TWP 16N RANGE 22E FOOTAGE 1767 FNL 722 FEL

ELEV 5209 GR 5217 KB SPUD DATE 10-17-65 STATUS COMP. DATE 11-2-65 TOTAL DEPTH 3380

com. rept.

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<input checked="" type="checkbox"/>
9 5/8	72	60 sx		DRILLED BY CABLE TOOL	
7	580	175 sx		PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Coconino	67'		x	
T/PSU	606'			
T/Salt	667'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Az Bu. Mines</u>
GRN	NA	NA	SAMPLE DESCRP <u>Farm Cut</u>
			SAMPLE NO. <u>1374*</u>
			CORE ANALYSIS
			DSTs
			*Tuc 2070

REMARKS Verbal approval 10-13-65.

APP. TO PLUG

PLUGGING REP.

COMP. REPORT

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 8-24-65

FILING RECEIPT 9427 LOC. PLAT WELL BOOK PLAT BOOK

API NO. DATE ISSUED 10-15-65 DEDICATION

PERMIT NUMBER 329

CONFIDENTIAL

(over) Release Date 5-2-66

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: ARKLA EXPLORATION COMPANY Address: P.O. Box 669 - OLDBROOK, ARIZONA

Federal, State or Indian Lease Number or name of lessor if fee lease: STATE Well Number: 64 Field & Reservoir: STRAT TEST

Location: 1767' FNL-722 FEL County: NAVAJO

Sec. TWP-Range or Block & Survey: 16-16N-22E

Date spudded: 10-17-65 Date total depth reached: 11-2-65 Date completed, ready to produce: Elevation (DF, RKB, RT or Gr.) feet: 5217 KB Elevation of casing hd. flange feet:

Total depth: 3380 P.B.T.D.: Single, dual or triple completion?: If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: Rotary tools used (interval): Cable tools used (interval):

Was this well directionally drilled? N/A Was directional survey made? N/A Was copy of directional survey filed? Date filed:

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

CASING RECORD

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

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
SURFACE	13/8	9 5/8	32.75	72	60	NONE
INTER.	8 1/2	7	20	580	175	NONE

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & 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'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

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

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the 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.

Date: 1-4-66 Signature: Warren E. Carr

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

Permit No. 329

DETAIL OF FORMATIONS PENETRATED *

Formation	Top	Bottom	Description*
SPUD IN MOENICOP			
COCONINO	67	606	
T/PSU	606	667	
T/SALT	667	TD INSALT	



* 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.

PLUGGING RECORD

Operator ARKLA EXPLORATION COMPANY		Address P.O. Box 669 - HOLBROCK, ARIZONA	
Federal, State, or Indian Lease Number, or lessor's name if fee lease. STATE INSPECTING PERMIT # 7235		Well No. 64	Field & Reservoir MINERAL STRATIGRAPHIC TEST
Location of Well STRATIGRAPHIC TEST, 1767' FNL, 722' FEL		Sec-Twp-Rge or Block & Survey 16 T-16N, R-22E	County NAVAJO
Application to drill this well was filed in name of ARKLA EXPLORATION COMPANY	Has this well ever produced oil or gas	Character of well at completion (initial production): Oil (bbbls/day) Gas (MCF/day) Dry?	
Date plugged: NOVEMBER 2, 1965	Total depth 3300'	Amount well producing when plugged: Oil (bbbls/day) Gas (MCF/day) Water (bbbls/day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used indicate zones squeeze cemented, giving amount cement

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (spot, ripped, etc.)	Packers and shoes
9 5/8	72	0	72		
7"	580	0	580'		

Was well cased with mud-laden fluid, according to regulations? **YES** Indicate deepest formation containing fresh water.
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 SUPERINTENDENT 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.

Date 11-4-65

James W. Baldry
Signature

CONFIDENTIAL

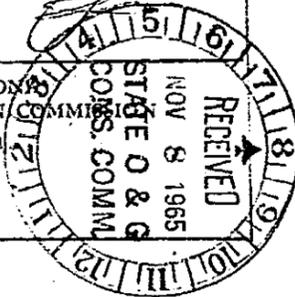
Revised Edition 5-2-66

Permit No. 329

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Plugging Record
File One Copy

Form No. 10



APPLICATION TO ABANDON AND PLUG

FIELD WILDCAT

OPERATOR AMLA EXPLORATION COMPANY ADDRESS Box 669 - HOLBROOK, ARIZONA
Federal, State, or Indian Lease Number
or Lessor's Name if Fee Lease. STATE PERMIT # 7236 WELL NO. 64

SURVEY _____ SECTION 16 COUNTY NAVAJO

LOCATION 1757' ENL 722 FEI SECTION 16 - T-16N - R-22E

TYPE OF WELL STRATIGRAPHIC TEST TOTAL DEPTH 3380'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____

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

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD 9 5/8" - 72' - CIRCULATED CEMENT
7" - 580' - CIRCULATED CEMENT

2. FULL DETAILS OF PROPOSED PLAN OF WORK _____

Verbal approval to Mr. John Sprague 11-1-65

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 NOVEMBER 2, 1965

NAME OF PERSON DOING WORK JAMES S. BALDRY ADDRESS HOLBROOK, ARIZONA

CORRESPONDENCE SHOULD BE SENT TO JAMES S. BALDRY
Name
DRILLING SUPERINTENDENT
Title

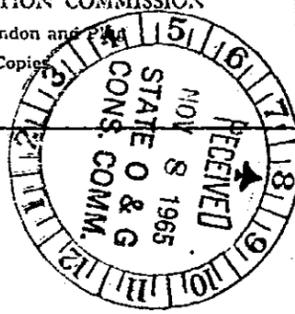
P.O. Box 669 - HOLBROOK, ARIZONA
Address

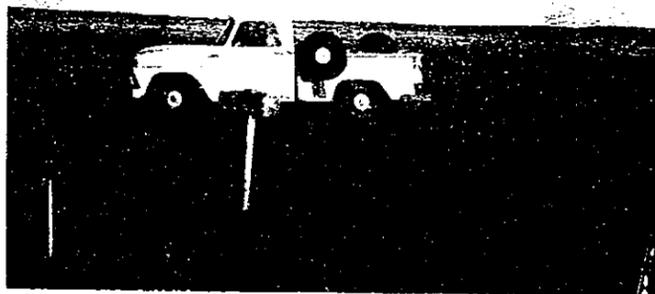
NOVEMBER 5, 1965
Date

CONFIDENTIAL

Date Approved 11-8-65
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John Bannister
Permit No. 329

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





State #64

Permit # 329

JRS 3-15-66

APRIL EXPLORATION COMPANY

Drilling Record

WELL NAME: SPICE CREEK TEST # 64

WELL LOCATION: 10071 SW 222 RD
SECTION 16 T-40N R-00E
TOWNSHIP 40 NORTH RANGE 00 EAST

WELL ELEVATION: 5217 K.

CONTRACTOR: CONROUSE DRILLING COMPANY

SPUD DATE: 10-29-65 3:00 PM

SIZE HOLE DRILLED: 1 7/8 " to 7 5/8 "

TYPE DRILLING FLUID: GWL

SURFACE CASING:
 Size 4 1/2 " Wt. 32.95 #, No. Sacks Cement 60
 Cementing Depth: 72 '

SIZE HOLE DRILLED: 8 1/2 "

TYPE DRILLING FLUID: FLO SAL (A)

INTERMEDIATE CASING:
 Size 7 " Wt. 20 #, No. Sacks Cement 100 (a)
 Cementing Depth 580

SIZE HOLE DRILLED OR CORED:
8 1/2 " from 590 ' to 3380 ' (c)
 " from _____ ' to _____ '
 " from _____ ' to _____ '
 " from _____ ' to _____ '

DRILL STEM TESTS:
NONE

NO. BITS USED: 8

ELECTRIC LOGS RAN:
 Type JET GRN from 0 ' to 3380 '
JET TEMP from 0 ' to 3380 '

ABANDONMENT PLUGS:
 No. Sacks Cement 75 from 3380 ' to 3000 '
75 from 1700 ' to 1300 '
100 FROM 900 ' to 400 '

WAS CASING RECOVERED?
 Depth Shot _____ '
 No. Feet Recovered _____ '
 No. Feet Not Recovered 580 '

DATE DRILLING RIG RELEASED: 11-2-65 4:00PM

COMPANY REPRESENTATIVE: JAMES S. BALDY

SPECIAL NOTES: Unusual drilling problems encountered, etc.
A. LOST MUD WHILE DRILLING.
B. TEMP. SURVEY TOP OF CEMENT 130'
C. DRILLED TO 600'. SET WHIPSTOCK #1 AND CORED AND DRILLED TO 741'
STRAIGHTENED HOLE AT 600' AND CORED AND DRILLED TO 3380'. LOST
DRYSEL WHILE DRILLING.

DO NOT REMOVE FROM FILE

DETAILED CORE DESCRIPTION

WELL NAME: AEC - #64 STATE
LOCATION:
ELEVATION:
CORE V:

655-660.35 (5.34) 5.34 ANHY GRA DNS PUERCO .10 SH.
.35-5.7 (5.29) .2 ANHY 1.4 SH .16 ANHY-.85 SH-ANHY AND GRN SH INCLS 2.68 SH GRN SH INCLS.
5.7-670.7 (4.94) 1.4 SH .3 ANHY 40% SH .3 ANHY .2 SH-.30 SALT 10% SH SALT SH TRANSITION VERY ABRUPT .40 SALT VLT ORNG TRS SH AND ORNG MAT. .45 SALT 5% SH AND ORNG MAT.-.91 SALT LT MLKY TRS ORNG MAT. - .35 SALT LT MLKY TO V LT ORNG ANHY AND GRN SH PTNG 670.37-.33 SH 50% SALT.
670-676.3. (5.61) 3.50 SH 40% SALT - 1.46 SALT 50% SH .65 SALT 30% SH.
6.3-681.85 (5.57) 1.25 SALT 30% SH .58 SALT 20% SH ANHY INCL-.84 SALT LT MLKY 5% SH .60 SALT LT MLKY 10% SH-.32 SALT LT MLKY 5% SH. - 1.07 SALT CLEAR - TRS SH-.20 SALT 20% SH? ANHY PTNG (ZONE ANHY BANDS A 681.05 A-B .80 - SCARCE) .65 SALT 20% ANHY AND ORNG MAT.
1.85-7.3 (5.49) .28 SALT CLEAR ANHY INCL TR ORNG MAT. .60 SALT 20% SH-ANHY .40 SALT 10% ANHY INCL-.52 SALT VLT MLKY TRS SH-.70 SALT VLT MLKY CLEAR - TRS SH AND ORNG MAT. .56 SALT CLEAR VLT MLKY TRS ORNG MAT AND SH .63 SALT CLEAR 10% SH .60 SALT 5% SH-ANHY INCL -.90 SALT CLEAR VLT MLKY ANHY INCL TRS ORNG MAT-.30 SALT CLEAR ORNG MAT AND ANHY INCL.
7.3-692.2 (4.67) .90 SALT ORNG MAT ANHY INCLS (BISCUIT 688.4 NOT HOT ANHY AND GRN SH?) 3.77 SALT 50% SH.
CORE 1595-1692.15
1595-1600.65 (6.00) DK BR-GRA BR DNS SL ANHYDRITIC DOLO ANHY FILLED V FRACS.
65-6.1 (5.23) 2.48 DK BR DNS ANHY DOLO V FRACS ANHY FILLED-2.75 DK BR SLTY. SHLY DNS DOLO V FRACS ANHY FILLED.
6.1-11.3 (5.09) .6 DK BR DNS SHLY SL ANHY DOLO .1 DK GRA SH-.9 DK BR DNS DOLO -.1 DK GRA DOLO SH ANHY INCLS-.71 DOLO V DK BR DNS DK GRA SH PTNG .05 DK GRA SH W/XLN ANHY INCLS .88 DOLO DK BR DNS V FRAC 1.75 DOLO DK BR DNS SH ANHY 2 SH PTNGS DK GRA.
1.3-6.7 (5.45) 2.66 DOLO DNS DK BR SL ANHY 2.26 DOLO VDK BR DNS V FRACS XLN ANHY FILLED .4 VARVED DOLO AND SH .13 DOLO GRA SHLY.
6.7-22.3 (5.34) 3.54 DOLO BR GRA DNS XLN ANHY IN V FRACS 1.8 GRA BR DNS BLK SH PTNGS XLN ANHY FILLED V FRACS.
2.3-7.9 (5.72) DOLO GRA BR DK BR DNS SHLY XLN ANHY FILLED V FRACS.
7.9-33.15 (5.11) DOLO GRA BR BR DN SHDY XLN ANHY FILLED V FRACS 3.71 DOLO DK BR DNS XLN MAT IN V FRACS.

DO NOT REMOVE FROM FILE

Lost 3.82' CORE
1633.15-1642.2

(5.23) .9 BR DOLO SH .8 GRA DOLO SH W/BLK SH PTNGS-.37 BR DOLO SH W/BLK SH PTNGS 2.11 DOLO BR SLTY DNS.15 GRA SH .90 BR SLTY DOLO W/SALT INCLS ORNG AND CLEAR.

CORR

2.2-45
45-53.15

(5.18) DOLO SLT SLTY DOLO BR DNS W/SALT INCLS V FRAC.

Lost 2.97' CORE
3.15-9.45

(5.60) DOLO SLT DK BR DNS W/SALT INCLS.

9.45-1665.1

(5.61) DOLO SLT DK BR SALT AND ANHY IBBES.

5.1-1670.5

(5.35) .81 DK GRA AND BR DOLO SLT SALT INCLS-3.42 BR DOLO SLT SALT INCLS 1.12 DOLO SLT BR DNS.

0.5-5.5

(4.95) 4.41 DOLO SLT VDK BR SALT INCLS .54 SALT ORNG AND CLEAR 30% SLT.

5.5-1680.75

(5.24) .84 SALT ORNG INCLS SLT AND ANHY .54 ANHY INCLS SALT AND SLT .50 DK BR SLT-INCLS AND PTNGS ANHY ORNG SALT IN V FRAC. .70 SALT AMBER 20% SH AND SLT ANHY INCL AND PTNG 1.38 SALT AMBER ANHY AND SH INCLS AND PTNGS .5 ANHY SH INCLS .78 BKN ANHY AND SLT BANDED AND INCLS SALT INCL SALT FILLED V FRAC. MUCH FLOWAGE

6.75-6.20

(5.42) .3 DKN ANHY AND SLT SALT INCL 1' SALT 30% SH 2.42 SALT AMBER ANHY INCLS .25 GRN SLT ANHY PTNG 1' ANHY BR SH INCLS .45 BR SH SALT AND ANHY ICNLS.

6.20-1692.15

(5.58) SALT 50% BR SH STRONG FLOWAGE.

DO NOT REMOVE FROM FILE

2160
DETAILED CORE DESCRIPTION

WELL NAME: # 64 STATE

LOCATION:

ELEVATION:

CORE - 3368 - 3380 - REC. - 6.2

(6.2) 1.6 QUARTZITIC SAND .3 GRA GRN - GRN METAMORPHOSED SH
3.3 QUARTITIC SD - 1" GRA GRN - GRN SH W/STREAKS RED SH META-
MORPHOSED. VERTICAL FRACS. IN SD.

DO NOT REMOVE FROM FILE

ROUGH FIELD DESCRIPTION

WELL NAME: AEC - #64

LOCATION:

ELEVATION:

CORE WS 1

662-663 VVF GRN AND RED SD.
63-64 SH W/ANHY INCLS.
~~64-65~~ SH.
68-~~68~~.7 SH ANHY INCL.
68.7-70 SALT.
70-75 SALT 50% SH.
75-78 SALT 30% SH.
78-81 SALT TRS SH.
81-88 SALT W/ANHY BANDS AND INCLS.

CORE WS 1

~~688~~-688.4 4" SALT VLT (BISCUIT - 688.45).
88.45-93 SH 40% SALT.
93-96 SALT 30% SH.
96-98 SALT 20% SH.
98-702 SALT TRS SH.
02-9.5 SALT CLEAR VLT ORNG ANHY INCLS AND PTNGS (BISCUIT - 709-5)
9.5-14.8 SALT 30% SH.

CORE WS 1

714-715 SALT 30% SH.
75-21 SALT VLT ORNG ANHY AND SH INCLS.
21-24 SALT 40% SH.
24-27 SALT ANHY AND SH INCLS.
27-33 SALT 10% SH AND ANHY.
33-36 SALT 20% SH AND ANHY.
36-40.2 SALT CLEAR-VLT ORNG.

DO NOT REMOVE FROM FILE

ROUGH FIELD DESCRIPTION

WELL NAME: AEC - #64

LOCATION:

ELEVATION:

CORE V

655-660.5	ANHY GRA DNS.
0.5-68	SH ANHY INCLS.
68-70.4	SALT TRS SH AND ANHY.
C.4-76	SALT 40% SH.
76-78	SALT 30% SH ANHY INCLS.
78-80	SALT 10% SH.
80-88.4	SALT ANHY BANDS AND INCLS TR KCL (BISCUIT 688.4) TRS SH AND ORNG MAT.
88.4-93	SH 30% SALT.
93-96	SALT 30% SH.
96-01	SALT 10% SH.
01-7.2	SALT TRS SH ANHY INCLS.

DO NOT REMOVE FROM FILE

ROUGH FIELD DESCRIPTION

WELL NAME: AEC - #64

LOCATION:

ELEVATION:

CORE V

1645-1675 BR SLTY DOLO SALT INCLS V FRACS ANHY FILLED MUCH FLOWAGE.

75-76 SALT SH AND ORNG MAT.

76-78 ANHY AND SH SALT INCLS.

78-79 SALT ORNG MAT AND ANHY BANDS.

79-81 ANHY AND SH.

81-84.5 SALT ANHY AND ORNG MAT.

1687-88 DOLO SLT W/SALT INCLS.

88-96 SALT W SH INCLS.

DO NOT REMOVE FROM FILE

November 2, 1965

Memo to: File
From: John Bannister, Executive Secretary

Re: Arkla Exploration Co. #64 State 7236
SE/4NE/4 16-16N-22E, Navajo County
Permit 329

John Sprague, Arkla Exploration Company, telephoned this date for permission to plug.

TD 3380 feet

50 foot plug will be set at TD
Another plug at 1500 feet
A plug at 800 feet with cement set from 800 feet
into casing at 580 feet.

Surface plug.

This program verbally approved this date. Necessary reports will be forthcoming.

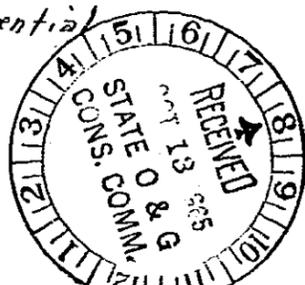
APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER

APPLICATION TO DRILL DEEPEN PLUG BACK RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR **ARKLA EXPLORATION COMPANY** DATE **OCTOBER 11, 1965**

P.O. Box 669 **HOLBROOK,** **ARIZONA**
Address City State

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number or name of lessor, if fee lease	Well number	Elevation (ground)
STATE-PROSPECTING PERMIT #7236	64	5209-99
Well location and acreage dedicated to the well (give footage from section lines)		Section—township—range or block & survey
STRAT TEST, 1767' FNL, 722' FEL		16 - T16N - R22E
Field & reservoir (If wildcat, so state)	County	
WC	NAVAJO	
Distance, in miles, and direction from nearest town or post office		
1.25 MILES EAST OF WOODRUFF		
Nearest distance from proposed location to property or lease line:	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:	
722' feet	NONE feet	
Proposed depth:	Rotary or cable tools	Approx. date work will start
1200	ROTARY	10-14-65
Number of acres in lease:	Number of wells on lease, including this well, completed in or drilling to this reservoir:	
640	NONE	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Status and amount of bond	Organization Report On file Or attached ON FILE	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>
FILED - \$10,000.00		
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)		
<i>Please keep all information confidential</i>		
		
*Fill in Proposed Casing Program on reverse side		
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Landman</u> of the <u>Arkla Exploration Company</u> (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.</p> <p>Verbal Approval 10-13-65</p> <p>CONFIDENTIAL</p> <p>Signature: <u>[Signature]</u> Date: <u>October 11, 1965</u></p> <p>Release Date: _____</p>		
Permit Number: 329	<p style="text-align: center;">STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill, Deepen or Plug Back and Plat File Two Copies</p> <p style="text-align: center;">Form No. 3</p>	
Approval Date: 10-15-65		
Approved By: <u>[Signature]</u>		
<p>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</p>		

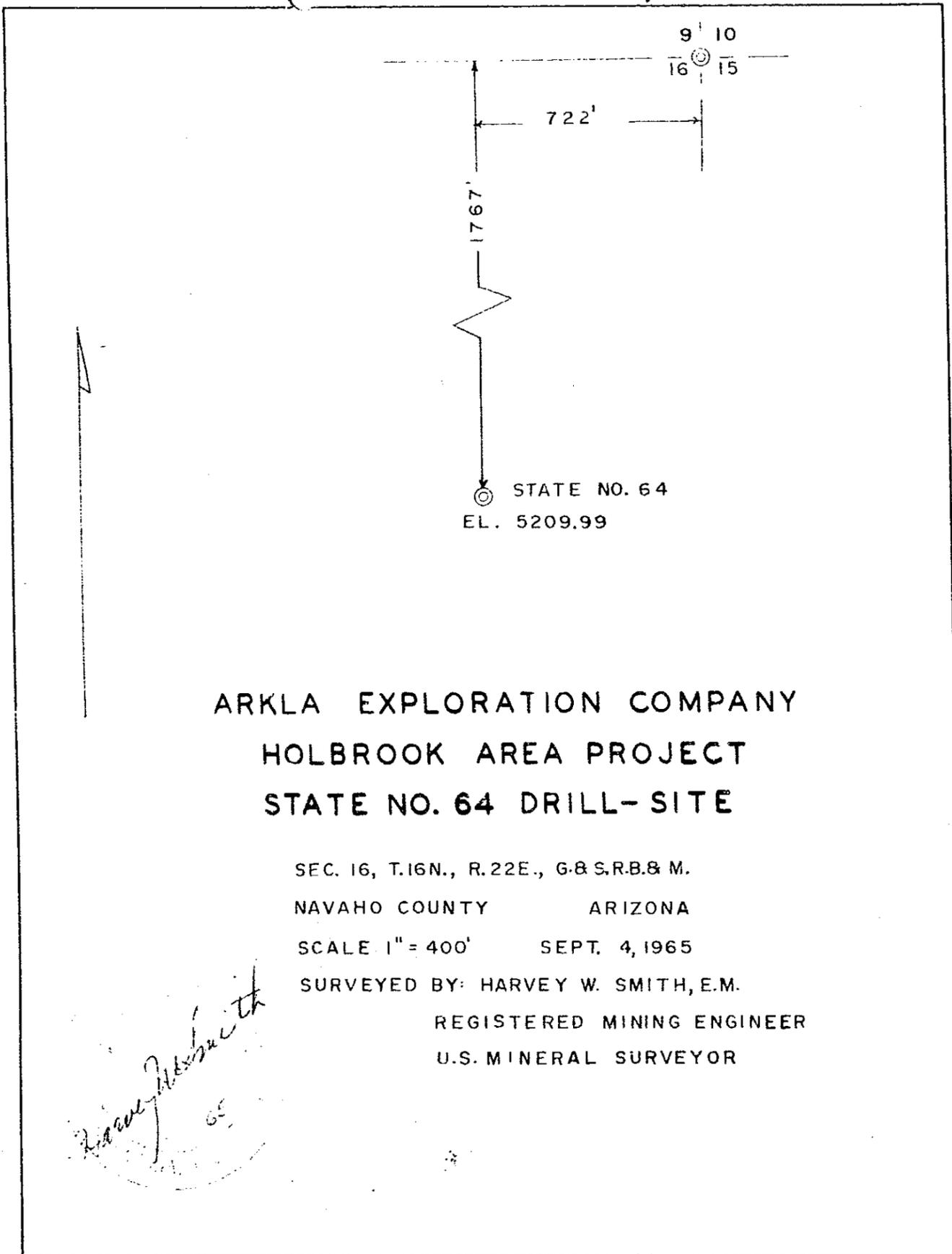
1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
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 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																
<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> </table>																	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><i>Ray B. Jones</i></p> <p>Name RAY B. JONES</p> <p>Position LANDMAN</p> <p>Company ARKLA EXPLORATION COMPANY</p> <p>Date OCTOBER 11, 1965</p> <p>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.</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p>Certificate No. _____</p>

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9 5/8"	32#	J USED			60'	10 OR CIRC
7"	20#	J USED			800'	125



ARKLA EXPLORATION COMPANY
 HOLBROOK AREA PROJECT
 STATE NO. 64 DRILL-SITE

SEC. 16, T.16N., R.22E., G.&S.R.B.&M.

NAVAHO COUNTY ARIZONA

SCALE 1" = 400' SEPT. 4, 1965

SURVEYED BY: HARVEY W. SMITH, E.M.

REGISTERED MINING ENGINEER

U.S. MINERAL SURVEYOR

Harvey W. Smith
 65

RECEIVED
OCT 13 1965
STATE O & G
CONS. COMM.



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 CO. #64 STATE 7236
(WELL NAME)

located NE/4NE/4 1767' FNL and 722' FFL

Section 16 Township 16N Range 22E 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 15th day of October, 19 65.

OIL AND GAS CONSERVATION COMMISSION

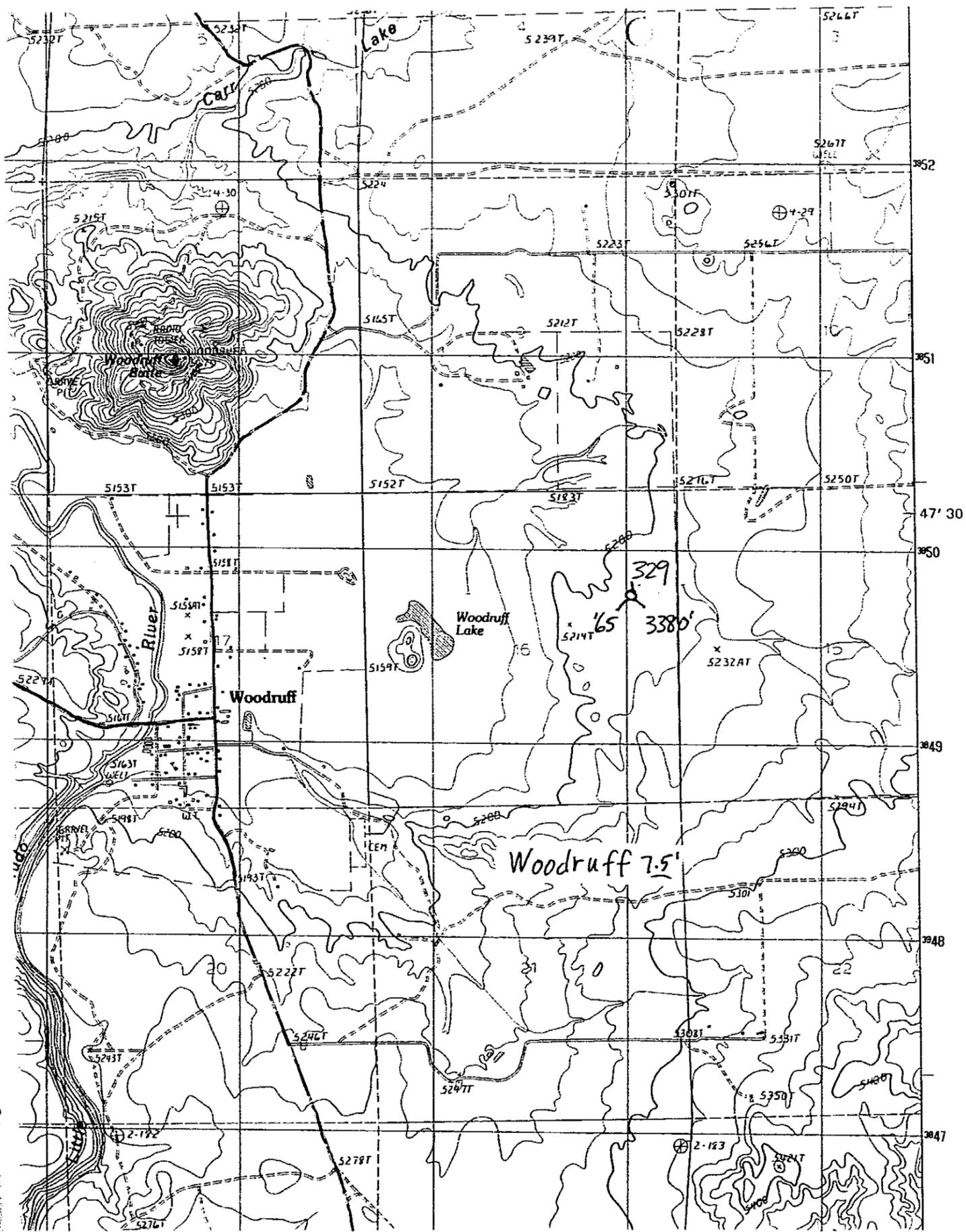
By John Bannister
EXECUTIVE SECRETARY

PERMIT N^o 329

RECEIPT NO. 9427

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27





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

cc: Arkla Exploration Company

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 9-27-69

Bond itself
filed in permit
#364



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1824 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



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1824 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*
CORPORATED

INSURANCE - BONDING

TOWER BUILDING, LITTLE ROCK, ARKANSAS 72701 • FR 27141

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 Campbell

Charles C. Campbell
Executive Vice President

CCC/cac

cc: Arkla Exploration Company



*Jim...
...
...*



November 8, 1965

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

Re: ArkLa Exploration Co. #64 State 7236
NE/4SE/4 16-16N-22E, Navajo County
Permit 329

Gentlemen:

We are enclosing approved copy of Application to Abandon
and Plug captioned well.

We would remind you that the Well Completion Report shall
be filed within 60 days from date of completion and copies
of the logs run shall be filed with in 90 days from date
of completion.

Very truly yours,

John Bannister
Executive Secretary
BY
enc

October 15, 1965

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

Attention: Mr. Ray B. Jones

Re: ArkLa Exploration Co. #64 State 7236 well
SE/4NE/4 16-16N-22E, Navajo County
Permit 329

Gentlemen:

Enclosed is approved copy of Application to Drill captioned well, the Permit to Drill, receipt 9427 for the filing fee.

Yours very truly,

John Bannister
Executive Secretary
mr
enc

DATE 10-11-65

MEMO

TO JOHN BANNISTER

FROM ARKLA EXPLORATION COMPANY

PLEASE CALL THIS OFFICE COLLECT WHEN APPROVED.

