

RECEIVED
JAN 18 1960
OIL CON. DEPT.
DIST. 3

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER 39

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **ARIZONA EXPLORATIONS, INC.** Address **417 Meadows Building, Dallas 6, Texas**
 Lessor or Tract **Jicarilla** Field **Ballard PC** State **New Mexico**
 Well No. **C-9** Sec. **3** T. **23NR. 5W** Meridian **N.M.P.M.** County **Rio Arriba**
 Location **990** ft. **[N.]** of **N** Line and **990** ft. **[E.]** of **E** Line of **Sec. 3** Elevation **6707**

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date January 6th, 1960

Title Vice-President

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

Commenced drilling November 18th, 19 50 Finished drilling December 2nd, 19 50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2283 to 2311 (4) 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 _____ 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—	
8-5/8"	21#	8	J-I-S	1000	Pattern	19-6000 S	Q	Production	
5-1/2"	17#	8	J-I-S	1000	Pattern	19-6000 S	Q	Tubing	
1-1/4"	2.4#	EUE	M-H-A	1000	Pattern	19-6000 S	Q	String	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	104	70	Pump & Plug		
5-1/2"	2377	100	" " "		
1-3/4"	2320	-	-		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Cleaned out to 2341'. Sandfraced through perforations with 32,000 gallons water and 40,000# sand, flushed with 3,150 gallons water.						

TOOLS USED

Rotary tools were used from Surface feet to 2378 feet, and from _____ feet to _____ feet.

Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet.

DATES

Ran Tubing	DATES	Potential Test
December 11th, 1959	Put to producing	January 5th, 1960

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 2,273,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 686 Open 3 hours through $3/4$ " choke on casing

EMPLOYEES Choke volume 2,170 MCF/day
AOE 2.273 MCF/day

Benson-Montain-Greer, Driller
Drilling Corp. Driller

_____, Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2178	2178	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2178	2183	5	Coal
2183	2215	32	Shale
2215	2221	6	Coal
2221	2276	55	Shale
2276	2280	4	Coal
2280	2283	3	Shale
2283	2311	28	Sand
2311	2378	67	Shale
			TOP OF PICTURED CLIFFS (ES) 2283'

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1000	950	50	Shale
950	900	50	Shale
900	850	50	Shale
850	800	50	Shale
800	750	50	Shale
750	700	50	Shale
700	650	50	Shale
650	600	50	Shale
600	550	50	Shale
550	500	50	Shale
500	450	50	Shale
450	400	50	Shale
400	350	50	Shale
350	300	50	Shale
300	250	50	Shale
250	200	50	Shale
200	150	50	Shale
150	100	50	Shale
100	50	50	Shale
50	0	50	Shale

FORMATION RECORD

DATE	DEPTH	FORMATION
1950	100	Shale
1950	200	Shale
1950	300	Shale
1950	400	Shale
1950	500	Shale
1950	600	Shale
1950	700	Shale
1950	800	Shale
1950	900	Shale
1950	1000	Shale

EMPLOYEES

NAME	DATE	POSITION
John Doe	1950	Driller
Jane Smith	1950	Geologist
Bob Johnson	1950	Surveyor
Alice Brown	1950	Recorder
Charlie White	1950	Helper

TOOLS USED

TOOL	DATE	DEPTH
Drill bit	1950	100
Drill pipe	1950	200
Drill collar	1950	300
Drill string	1950	400
Drill motor	1950	500

PLUGS AND ADAPTERS

PLUG	DATE	DEPTH
Plug 1	1950	100
Plug 2	1950	200
Plug 3	1950	300
Plug 4	1950	400
Plug 5	1950	500

MUDDING AND CEMENTING RECORD

DATE	DEPTH	MATERIAL
1950	100	Mud
1950	200	Mud
1950	300	Mud
1950	400	Mud
1950	500	Mud

HISTORY OF OIL OR GAS WELL

DATE	DEPTH	EVENT
1950	100	Well completed
1950	200	Well abandoned
1950	300	Well abandoned
1950	400	Well abandoned
1950	500	Well abandoned

CASING RECORD

DATE	DEPTH	CASING
1950	100	Casing
1950	200	Casing
1950	300	Casing
1950	400	Casing
1950	500	Casing

IMPERMEABLE WATER SANDS

DATE	DEPTH	SANDS
1950	100	Sands
1950	200	Sands
1950	300	Sands
1950	400	Sands
1950	500	Sands

GAS OR GAS SANDS OR ZONES

DATE	DEPTH	ZONES
1950	100	Zones
1950	200	Zones
1950	300	Zones
1950	400	Zones
1950	500	Zones

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL