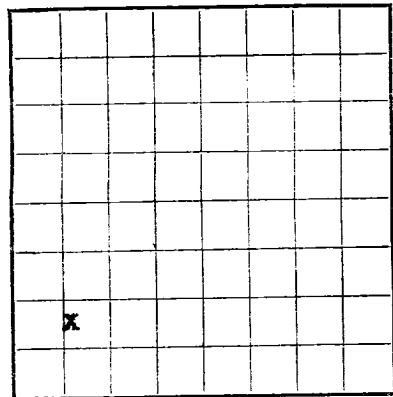
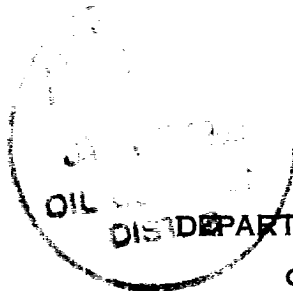


Form 9-330



LOCATE WELL CORRECTLY



U. S. LAND OFFICE Jicarilla
SERIAL NUMBER 39
LEASE OR PERMIT TO PROSPECT 750

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Jicarilla Tribal

LOG OF OIL OR GAS WELL

Company ARIZONA EXPLORATIONS, INC. Address 17 Meadows Building, Dallas 6, Texas
Lessor or Tract Jicarilla Field S. Blanco PC State New Mexico
Well No. H-2 Sec. 32 T 24N R 5E Meridian N.M.P.M. County Rio Arriba
Location 990 ft. ^[N.]_[S.] of S. Line and 120 ft. ^[E.]_[W.] of N. Line of Sec. 32 Elevation 6571
(Derrick floor relative to sea level)

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 5th, 1960 Title Vice President

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

Commenced drilling November 22nd, 1959 Finished drilling December 17th, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2064 to 2092 (G) 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—	
<u>8-5/8"</u>	<u>24.4</u>	<u>8</u>	<u>J-55</u>	<u>2203</u>	<u>Texas</u>	<u>2068</u>	<u>2082</u>	<u>2082</u>	<u>Production</u>
<u>5-1/2"</u>	<u>20.8</u>	<u>8</u>	<u>J-55</u>	<u>2081</u>	<u>Pattern</u>	<u>2085</u>	<u>2092</u>	<u>2092</u>	<u>Production</u>
<u>1-1/4"</u>	<u>2.4</u>	<u>EUE</u>	<u>2081</u>						<u>Tubing String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>136</u>	<u>90</u>	<u>Pump & Plug</u>		
<u>5-1/2"</u>	<u>2202</u>	<u>100</u>			
<u>1-1/4"</u>	<u>2089</u>				

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
<u>Cleaned out to 2165'. Sandfraced through perforations with 34,000 gallons water and 40,000# sand, flushed with 3,200 gallons water.</u>						

TOOLS USED

Rotary tools were used from Surface feet to 2203 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing December 17th, 1959 Potential Test 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 6,526,000 Gallons gasoline per 1,000 cu. ft. of gas _____

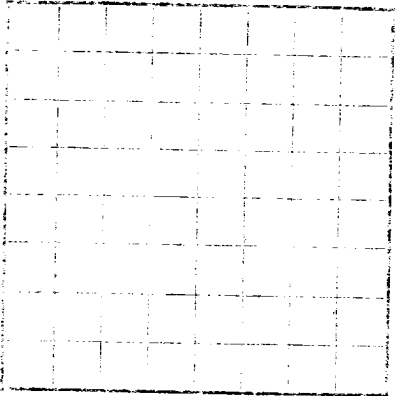
Rock pressure, lbs. per sq. in. 572 Open 3 hours through 3/4" choke 3 on casing. Choke volume 4,501 MCF/day.

EMPLOYEES

Benson-Montin-Greer, Driller AOF 6,526 MCF/day
Drilling Corp., Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>1989</u>	<u>1989</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations</u>
<u>1989</u>	<u>1992</u>	<u>3</u>	<u>Coal</u>
<u>1992</u>	<u>1997</u>	<u>5</u>	<u>Shale</u>
<u>1997</u>	<u>1999</u>	<u>2</u>	<u>Coal</u>
<u>1999</u>	<u>2039</u>	<u>40</u>	<u>Shale</u>
<u>2039</u>	<u>2042</u>	<u>3</u>	<u>Coal</u>
<u>2042</u>	<u>2064</u>	<u>24</u>	<u>Shale</u>
<u>2064</u>	<u>2092</u>	<u>28</u>	<u>Sand</u>
<u>2092</u>	<u>2165</u>	<u>111</u>	<u>Shale</u>
			<u>TOP OF PICTURED CLIFFS (ES) 2064'</u>



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company, _____
Lessor or Tract _____
Well No. _____ Sec. _____ T. _____ R. _____
Location _____
The information given herein 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 _____

The summary on this page is for the location of the well as above stated.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ROCKS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

CASING RECORD

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 "sacked" 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.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYERS			
GALLONS GASOLINE PER 24 HOURS			
ROCK PRESSURE, LBS. PER SQ. IN.			
If gas well, cu. ft. per 24 hours			
Emulsion; _____ % water; and _____ % sediment			
The production for the first _____ days was _____ barrels of fluid of which _____ % was oil and _____ % was gas.			
Put to producing _____			
DATES			
TOOLS USED			
SHOOTING RECORD			
PLUGS AND BRIDGES			
CAPPING AND COMMENTARY RECORD			