

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 74591
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John L. Irwin Address Box 5629 Roswell, New Mexico
Lessor or Tract Federal Lease Field Wagon State New Mexico
Well No. 14-13 Sec. 13 T. 18N R. 33E Meridian N.M.P. County Chaves
Location 190 ft. N. of E. Line and 660 ft. E. of W. Line of section 13 Elevation 3968
(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.

Date May 20, 1957 Signed W. C. Fisher Title Geologist

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

Commenced drilling March 15, 19 57 Finished drilling April 18, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 4300 to 4306 No. 4, from _____ to _____
No. 2, from 4331 to 4341 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>13-3/8"</u>	<u>14.2</u>			<u>240</u>	<u>Texas Pattern</u>				
<u>8-5/8"</u>	<u>24.1</u>			<u>1633</u>	<u>Texas Pattern</u>				
<u>5 1/2"</u>	<u>15.5</u>			<u>4277</u>	<u>Backer Shoe</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>250</u>	<u>200</u>	<u>Pump - circulated</u>		
<u>8-5/8"</u>	<u>1643</u>	<u>50</u>	<u>Pump</u>		
<u>5 1/2"</u>	<u>4287</u>	<u>100</u>	<u>Pump</u>		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 1643 feet, and from _____ feet to _____ feet
Cable tools were used from 1643 feet to 4343 feet, and from _____ feet to _____ feet

DATES

May 20, 19 57 Put to producing April 18, 19 57

The production for the first 24 hours was 52 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Ray Burkhardt, Driller C. W. O'Brien, Driller
Hermit Hoover, Driller W. C. Scarnell, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>Caliche</u>
<u>10</u>	<u>250</u>	<u>240</u>	<u>Red Shale & Sand</u>
<u>250</u>	<u>675</u>	<u>425</u>	<u>Red Shale & Gyp</u>
<u>675</u>	<u>1632</u>	<u>957</u>	<u>Red Rock & Sand</u>
<u>1632</u>	<u>1800</u>	<u>168</u>	<u>Anhydrite & Lime</u>
<u>1800</u>	<u>1880</u>	<u>80</u>	<u>Anhydrite, Red Shale, Salt Streaks</u>
<u>1880</u>	<u>1955</u>	<u>75</u>	<u>Shale with Salt & Potash Streaks</u>
<u>1955</u>	<u>2945</u>	<u>990</u>	<u>Salt & Potash - Anhydrite teaks</u>
<u>2945</u>	<u>3110</u>	<u>165</u>	<u>Anhydrite with shale & Salt Breaks</u>
<u>3110</u>	<u>3500</u>	<u>390</u>	<u>Anhydrite with Sand & Shale Breaks</u>
<u>3500</u>	<u>3510</u>	<u>10</u>	<u>Lime v.sl.sho. oil</u>
<u>3510</u>	<u>3555</u>	<u>45</u>	<u>Gray Sand</u>
<u>3555</u>	<u>4295</u>	<u>740</u>	<u>Anhydrite & lime, several sand breaks</u>
<u>4295</u>	<u>4306</u>	<u>11</u>	<u>Gray Sand - Gas</u>
<u>4306</u>	<u>4331</u>	<u>25</u>	<u>Red Sand</u>
<u>4331</u>	<u>4341</u>	<u>10</u>	<u>Gray Sand - Oil</u>
<u>4341</u>	<u>4342</u>	<u>1</u>	<u>Red Sand</u>
<u>4342</u>	<u>4343</u>	<u>1</u>	<u>Pink Lime</u>
	<u>4343 T.B.</u>		

