

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 66745
LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company John A. Irvine Address 1000 5629 Roswell, New Mexico

Lessor or Tract Federal "J" Empire Field Undersaturated State New Mexico

Well No. 1-1 Sec. 1 T. 18 R. 26 Meridian N. 10. E. County Ady

Location 990 ft. N. of S. Line and 365 ft. W. of Line of section 1 Elevation 2316
(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.

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Signed W. W. Davis

Date November 21 Title Geologist

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

Commenced drilling October 12, 1957. Finished drilling October 29, 1957.

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1661 to 1734 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 350 to 370 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 5/8"	873	50	ump		
5 1/2"	1782	150	ump		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

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

TOOLS USED

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Rotary tools were used from _____ feet to 1782 feet, and from _____ feet to _____ feet

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

DATES

DATE

----- November 11 -----, 19 57 ----- Put to producing ----- November 11 -----, 19 57 -----

The production for the first 24 hours was ----- 72 ----- barrels of fluid of which ----- 1.0 ----- % was oil; ----- %

emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES

W. V. Smith	Driller	J. M. Lewis	Driller
J. M. Smith	Driller		Driller

FORMATION RECORD

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FROM—	TO—	TOTAL FEET	FORMATION
cellar	148	148	Gyp. clay, sand
148	576	428	anhydrite and gyp
576	676	100	anhydrite & lime
676	820	144	anhydrite
820	960	140	anhydrite and lime
960	988	28	anhydrite and sand
988	1120	132	lime & dolomite with sand streaks
1120	1782	662	lime

Perforated 5 1/2": 1661 - 72, 1680 - 98, 1700 - 08, 1715 - 34.
sand fractured with 25,000 gallons

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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 "sidetracked" 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

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