

SERIAL NUMBER -----
LEASE OR PERMIT TO PROSPECT -----

RECEIVED

MAY 20 1963

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ROBERT N. ENFIELD Address P. O. Box 807, Roswell, New Mexico
 Lessor or Tract Hudson-Federal Field Wildcat State New Mexico
 Well No. 1 Sec. 30 T. 18S R. 33E Meridian N.M.P. County Lea
 Location 660 ft. N. of Line and 1980 ft. E. of E Line of Section 30 Elevation 3752
 (N. E.) (W.)
 (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 H. Lee Harris

Date May 5, 1963 Title Geologist - Engineer

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

Commenced drilling: March 13, 1963 Finished drilling May 1, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

G No. 1, from 4232 to 4240 No. 4, from _____ to _____
G No. 2, from 4343 to 4349 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 4128 to 4140 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
MARK	13-3/8	230'	275 sacks	circ.		
	8-5/8	1307'	Mudded	pumped		32 sacks
	4-1/2	4330'	170 sacks	pumped		

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 surface feet to 1307 feet, and from _____ feet to _____ feet

Cable tools were used from 1307 feet to 4349 TD feet, and from ----- feet to ----- feet

DATES

Completed May 3, 1963 Put to producing _____, 19____

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 1,250,000 Gallons gasoline per 1,000 cu. ft. of gas 0

Rock pressure, lbs. per sq. in. ----- 1343# -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1285	1285	Surface sand, caliche, and red beds.
1285	1420	135	Anhydrite
1420	2695	1275	Salt
2695	2980	285	Anhydrite
2980	3250	270	Sand and anhydrite (Yates)
3250	4085	835	Dolo, sand, and anhydrite
4085	4160	75	Sand (Queen)
4160	4343	183	Dolo, sand, and anhydrite
4343	4349 TD	6	Sand (Penrose)

FORMATION RECORD—Continued

[illegible]

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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1. Spudded 3-13-63 w/rotary tools.
2. Set 13-3/8" csg. @ 230' w/275 sacks.
3. Mudded in 8-5/8" csg. @ 1307' w/32 sacks.
4. Changed to cable tools.
5. Encounter water 4128-40' @ rate of 800' w per hour. Fluid level stayed at 3000'.
6. Had slight show gas 4232-40'.
7. Had good show gas 4343-49'. Blew out 3000' water in hole. Gas volume gauged at 5,000,000 cu. ft. Killed well w/water.
8. Set 4 1/2" csg. @ 4330' w/120 sacks at bottom and 50 sacks above salt @ 1262' after pulling all 8-5/8" csg.
9. Completed 5-3-63 for IP of 1,250,000 CFPD natural from open hole 4330-49'. No dist. or water. Shut in pressure 1343# after 3 hours.