

Section 22

• #9

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FBI
SEP 1 2 1958
FEDERAL BUREAU OF INVESTIGATION
ALBUQUERQUE, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico

Lessor or Tract Lynch "A" Field Grayburg-Jackson State New Mexico

Well No. 9 Sec. 22 T. 17S R. 31E Meridian NMPM County Eddy

Location 660 ft. N of S Line and 1980 ft. E of W Line of Section 22 Elevation 3835' D.F.

(Check box 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 September 10, 1958 Signed *[Signature]* Title District Superintendent

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

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Commenced drilling	July 19	58	Finished drilling	August 23	58
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OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3474</u> to <u>3568</u>	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. 2, from _____ to _____

No. 3, 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
8-5/8"	729'	150	Halliburton		
7"	3523'	475	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

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

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

DATES

_____, 19____ Put to producing **September 2**, 19**58**

The production for the first 24 hours was 224 barrels of fluid of which 99.8 % was oil; ----- % emulsion; .2 % water; and ----- % sediment. Gravity, °Bé. 37.0°

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

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

EMPLOYEES

_____ **Mr. Rinehart** _____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	456	456	Sand & Redbed
456	643	187	Anhydrite & Dolomite
643	1608	965	Salt
1608	1766	158	Anhydrite
1766	2136	370	Sand & Anhydrite
2136	2749	613	Dolomite & Anhydrite
2749	2924	175	Sand & Anhydrite
2924	3161	237	Sand & Anhydrite
3161	3462	301	Dolomite & Sand
3462	3569	107	Sand
3569	3580	11	Dolomite

GEOLOGICAL TOPS BY SCHLUMBERGER'S GAMMA RAY-NEUTRON LOG:

Top	Anhydrite	456'
Top	Salt	643'
Base	Salt	1608'
Top	Yates	1766'
Top	7-rivers	2136'
Top	Queen	2749'
Top	Penrose	2924'
Top	Grayburg	3161'
Top	Premier	3462'
Top	San Andres	3569'

FORMATION	TOTAL FEET	TO-	FROM-
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FACTURE TREATMENT 3523-35801:
Fractured open-hole 3523-35801 with 1230 barrels lease oil and 69,000# sand, sand mixed 1# per gallon with first oil pumped in and then was increased to 1 1/2# per gallon. Maximum treating pressure 2900#, maximum injection rate 35 barrels per minute, minimum injection rate 33 barrels per minute. Time of treatment 39 minutes. Shut-down pressure 2300#. Left shut-in 17 1/2 hours and pressure dropped to 740#.

After recovering all lead oil well flowed 164 barrels new oil first 18 hours through 3 7/8" choke, I.P. 60#, C.E. 200#, next 6 hours well flowed 60 barrels new oil (which made a total of 224 barrels new oil first 24 hours) through 3 7/8" choke, I.P. 50#, C.E. 200#, shakedown 2/10 of 1% B&W. Corrected Gravity 37.0%. Gas tested 228 MCFPD.