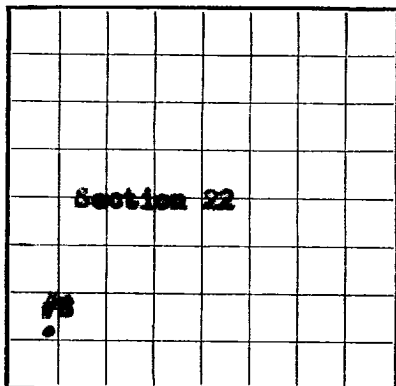


La Crosse

U. S. LAND OFFICE 629419 (a)

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT ----



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico
Lessor or Tract Lynch "A" Field Grayburg-Jackson State New Mexico
Well No. 8 Sec. 22 T. 17S R. 31E Meridian NMPM County Eddy
Location 660 ft. N. of 3 Line and 660 ft. E. of W Line of Section 22 Elevation 3822'
(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 [Signature]
Date July 14, 1958 Title District Superintendent

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

Commenced drilling **May 31** _____, 19**58** Finished drilling **July 3** _____, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Don't put in 3)

No. 1, from 3428 to 3528 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	711'	150	Halliburton		
7"	3474'	345	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 0 feet to 3535 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing **July 12**-----, 19**58**-----

The production for the first 24 hours was 373 barrels of fluid of which 99.9% was oil; -----% emulsion; .1% water; and -----% sediment. Gravity, °Bé. 37.1°

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. A.F. Frost, Driller

Mr. R.H. Plummer, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	428'	428'	Sand & Redbed
428'	618'	190'	Anhydrite & Dolomite
618'	1573'	955'	Salt
1573'	1742'	169'	Anhydrite
1742'	2102'	360'	Sand & Anhydrite
2102'	2718'	616'	Sand & Anhydrite
2718'	2896'	178'	Dolomite & Anhydrite
2896'	3130'	234'	Sand & Anhydrite
3130'	3428'	298'	Dolomite & Sand
3428'	3535'	107'	Sand

GEOLOGICAL TOPS BY McCHILLOUGH'S GAMMA RAY-NEUTRON LOG:
Top Anhydrite 102'

Top Anhydrite	428'
Top Salt	618'
Base Salt	1573'
Top Yates	1742'
Top Y-Rivers	2102'
Top Jason	2718'
Top Penrose	2896'
Top Grayburg	3130'
Top Premier	3428'

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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.

FRACTURE TREATMENT 3474-3535:

Filled hole with oil, broke open-hole formation 3474-3535' down at 1900# breaking to 1800#. Fractured with 1570 barrels lease oil and 60,000# sand mixed with 1½ to 2# sand per gallon. Maximum pressure 2200#, minimum pressure 2000#. Maximum injection rate 37½ barrels per minute. Time of treatment 50 minutes. Shut-down pressure 1500#. Left shut-in 11 hours and pressure dropped to 100#.

After recovering all load oil, well flowed 373 barrels oil through 3/4" choke in 24 hours, T.P. 100%, C.P. 475#, shakeout 1/10 of 1% BSEN. Gas tested 417 MCFPD. Corrected Gravity 37.1°.

THE ABOVE INFORMATION WAS OBTAINED FROM THE FOLLOWING SOURCE(S):

DATE: 11/11/1964 BY: [redacted] (U)

1. The first part of the document is a header section containing the following information:

- TO: [Redacted]
- FROM: [Redacted]
- SUBJECT: [Redacted]
- DATE: [Redacted]
- TIME: [Redacted]
- LOCATION: [Redacted]
- STATUS: [Redacted]
- REMARKS: [Redacted]

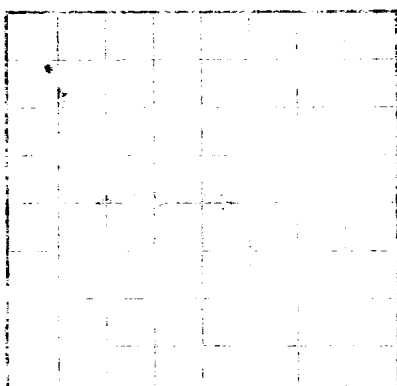
2. The second part of the document is a body section containing the following information:

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POUR LE METTRE EN OUVREMENT.



LOS OF OT OB CVZ METT

GEOLOGICAL ENGINEERING

DESCRIPTION OF THE STUDY

UNCLAS EVIDENCE

1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

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1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.