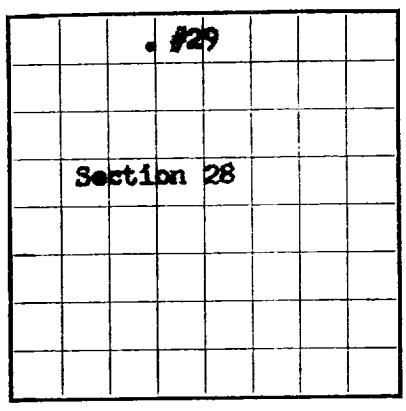
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029420 (b)
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 H.H. Dow "B" Field Grayburg-Jackson State New Mexico

Well No. 29 Sec. 28 T. 17S R. 31E Meridian NMPM County Eddy

Location 660 ft. [N.] of M Line and 1980 ft. [E.] of W Line of Section 28 Elevation 3789' D.F.
(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 J. A. Gurley

Date January 22, 1958 Title District Superintendant

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

Commenced drilling December 10, 19 57 Finished drilling January 13, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3467 to 3524 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8-5/8"OD	22.7#	-	Armco SJ	653'	Float				
7"OD	20#	8R	J-55	3484'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"OD	660'	150	Halliburton		
7"OD	3460'	335	Halliburton		

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 ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from 0 feet to 3527 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing January 20, 1958

The production for the first 24 hours was 608 barrels of fluid of which 100 % was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °Bé. 37.8°

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. J.C. Alexander, Driller Mr. Rinehart, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	387	387	Redbed & Sand
387	580	193	Anhydrite
580	1527	947	Salt
1527	1686	159	Anhydrite & Dolomite
1686	2042	356	Sand & Anhydrite
2042	2678	636	Dolomite & Anhydrite
2678	2853	175	Sand & Anhydrite
2853	3093	240	Sand
3093	3410	317	Dolomite & Sand
3410	3527	117	Sand

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

Top Anhydrite at 387'
Top Salt at 580'
Base Salt at 1527'
Top Yates at 1686'
Top 7-Rivers at 2042'
Top Queen at 2678'
Top Penrose at 2853'
Top Grayburg at 3093'
Top Premier at 3410'

FOLD MARK

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 - 3460-3527':
Fractured open-hole section 3460-3527' with 36,750 gallons of lease oil mixed with 60,000# sand by the Dowell Process. Maximum pressure 2400# breaking to 2000#. Maximum injection rate 30 barrels per minute. Average injection rate 26.5 barrels per minute. Time of treatment 44 minutes. Shut-down pressure 1500#. Left shut-in 12 hours and pressure dropped to 950#.