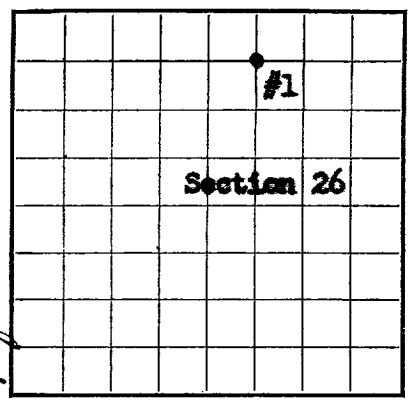
Form 9-330

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

U. S. Land Office Las Cruces
Serial Number 029418 (b)
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

N. M. O. C. C. COPY

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SEP 8 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Lea "D" Field Grayburg-Jackson State New Mexico

Well No. 1 Sec. 26 T. 17S R. 31E Meridian N.M.P.M. County Eddy

Location 660 ft. {N/S} of N Line and 1980 ft. {E/W} of E Line of Section 26 Elevation 3844'
(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. D. Dunlavey

Date September 3, 1960 Title Dist. Supt.

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

Commenced drilling July 17, 1960 Finished drilling August 17, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2320' to 2499' No. 4, from 3684' to 3873'

No. 2, from 3364' to 2568' No. 5, from to

No. 3, from 3280' to 3655' 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"	24#			822'					Surface
5-1/2"	14#			3830'					Oil String

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	822'	100	Halliburton	—	—
5-1/2"	3830'	355	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 3873' feet, and from feet to feet

DATES

, 19 Put to producing August 24, 1960

The production for the first 24 hours was 343 barrels of fluid of which 98 % was oil; % emulsion; 2 % 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

Rinehart, Driller Gentry, Driller

Thomas, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	560	560	Sand & redbeds
560	766	206	Anhydrite
766	1712	946	Salt
1712	1868	156	Anhydrite
1868	2242	374	Sand & anhydrite
2242	2881	639	Dolomite, anhydrite & sand
2881	3043	162	Sand & anhydrite
3043	3266	223	Sand
3266	3577	311	Dolomite & sand
3577	3655	78	Sand
3655	3873	218	Dolomite
	3873	TOTAL DEPTH	

GEOLOGICAL TOPS BY McCULLOUGH GAMMA RAY - NEUTRON LOG:

Top Anhydrite	560
Top Salt	766
Base Salt	1712
Top Yates	1868
Top Seven Rivers	2242
Top Queen	2881
Top Penrose	3043
Top Grayburg	3266
Top Premier	3577
Top San Andres	3655

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS, STATE WHETHER FROM ELECTRICAL OR MECHANICAL LOGS.

FORMATION RECORD—Continued

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			AT THE END OF COMPLETE SHUTDOWN

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 the kind of material used, position, and results of pumping or bailing.

TREATMENT NO. 1 - (SAND - OIL) - 3830 - 3873'.
Ran 2" tubing to 3822'. Broke formation down with 110 bbls. oil in open hole 3830-3873'. Pressured to 3000# with one pump truck and pressure broke back to 2200#. Started up 3 additional pump trucks and pressure built up to 3600# with inj. rate of 26.6 bbls. per min. Fractured down 5-1/2" OD casing in open hole 3830-3873' with 745 bbls. oil, 60,000# 20/40 sand and 1800# Adomite by Dowell, Inc. Sand mixed 1/4# to 3# per gal. oil. Max pressure 3600#. Max.inj. rate 27.1 bbls. per min. Time of treatment 53 mins. Shut down pressure 2600#, dropped to 1300# in 6 hours.

After recovering all load oil, well swabbed 143 bbls new oil & 7 bbls. water in 24 hours through 3/4" choke , T.P. 40#, C.P. 350#.

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

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY