

U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER 029418 (b)

O. C. C. I.
ASTORIA OFFICE

LEASE OR PERMIT TO PROSPECT

UNITED STATES

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico
Lessor or Tract Lea "D" Field Grayburg-Jackson State New Mexico
Well No. 4 Sec. 26 T. 17-S R. 31-E Meridian N.M.P.M. County Eddy
Location 1830 ft. SW of N. Line and 1980 ft. EW of E Line of Section 26 Elevation 3848' DF

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

Date **September 30, 1960**

Title_____Dist.____Supt._____

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

Commenced drilling August 27, 1960 Finished drilling September 23, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3496' to 3642' No. 4, from _____ to _____
 No. 2, from 3655' to 3718' No. 5, from _____ to _____
 No. 3, from 3737' to 3848' 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"	901'	100	Halliburton	---	---
5-1/2"	3737'	350	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 3340 feet, and from _____ feet to _____ feet.

DATES

Put to producing ~~Santa Barbara~~ 30, 19

The production for the first 24 hours was 362----- barrels of fluid of which 89.0-----% was oil; -----%

emulsion; ----- % water; and 1----- % sediment. Gravity, °Bé. -----

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

-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	626	626	Sand & red beds
626	820	194	Anhydrite
820	1764	944	Salt
1764	1924	160	Anhydrite
1924	2313	389	Sand & anhydrite
2313	2955	642	Dolomite, anhydrite & sand
2955	3113	158	Sand & anhydrite
3113	3336	223	Sand
3336	3655	319	Dolomite & sand
3655	3722	67	Sand
3722	3860	138	Dolomite
	3860	TOTAL DEPTH	

GEOLOGICAL TOPS BY McCULLOUGH GAMMA RAY - NEUTRON LOGS.

Top Anhydrite	626	
Top Salt	820	
Base Salt	1764	
Top Yates	1924	
Top Seven Rivers	2313	
Top Queen	2955	
Top Penrose	3113	
Top Grayburg	3336	
Top Premier	3655	
Top San Andres	3722	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

FOUO - UNCLASSIFIED

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

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FORMATION RECORD—Continued

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