Form 9-330

N. M. O. C. C. COPY
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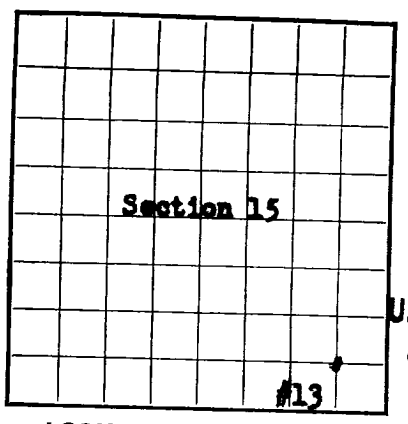
O. C. C.
ARTESIA, OFFICE

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029420-a
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
NOV 15 1961
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 Dow "A" Field Grayburg Jackson State New Mexico
Well No. 13 Sec. 15 T. 17S R. 31E Meridian N.M.P.M. County Eddy
Location 660 ft. [N.] of S Line and 660 ft. [E.] of E Line of section 15 Elevation 3882' DF
(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 H. E. Cab
Date November 8, 1961 Title Dist. Supt.

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

Commenced drilling September 28, 1961 Finished drilling October 27, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2202' to 2382' No. 4, from 3521' to 3798'
No. 2, from 3152' to 3404' No. 5, from to
No. 3, from 3425' to 3469' 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#	8-R	J-55	718'	Guide	—	—	—	Surface
5-1/2"	15.5#	8-R	J-55	3808'	Float	—	3521'	3615'	Oil String
							(Intervals)		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	725'	100	Pump & Plug	—	—
5-1/2"	3808'	385	Pump & Plug	—	—

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
Treated through 5-1/2" OD casing perfs. 3521-3615' (intervals) with 1273 bbls. lease oil and 50,000# 20/40 sand.						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3811 feet, and from feet to feet

DATES

, 19 Put to producing November 5, 1961

The production for the first 24 hours was 284 barrels of fluid of which 99.9 % was oil; % emulsion; % water; and .1 % 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

Kidd, Driller Wood, Driller
Thomas, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	452	452	Sand & red beds
452	640	188	Anhydrite
640	1632	992	Salt
1632	1808	176	Anhydrite
1808	2144	336	Sand & anhydrite
2144	2760	616	Dolomite, anhydrite & sand
2760	2921	161	Sand & anhydrite
2921	3145	224	Sand
3145	3424	279	Dolomite & sand
3424	3503	79	Sand
3503	3811	308	Dolomite
	3811 Total Depth		
	3803 Plug Back Total Depth		

GEOLOGICAL TOPS BY SCHLUMBERGER GAMMA GAMMA DENSITY LOG:

Top Anhydrite	452'
Top Salt	640'
Base Salt	1632'
Top Yates	1808'
Top Seven Rivers	2144'
Top Queen	2760'
Top Penrose	2921'
Top Grayburg	3145'
Top Premier	3424'
Top San Andres	3503'

FOLD | MARK

[OVER]

16—43094-4

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.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

DEPARTMENT OF THE INTERIOR
UNITED STATES
GEOLOGICAL SURVEY