Form 9-330

N. M. O. C. C. COPY
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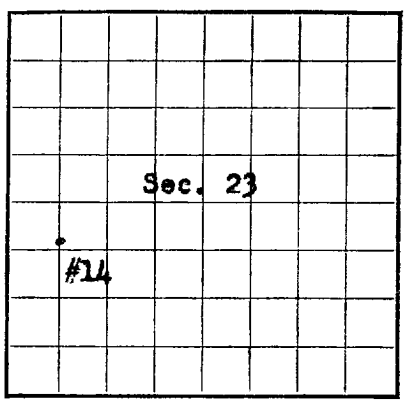
Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029418-b
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
DEC 26 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 P. O. Box 38 - Hobbs, New Mexico

Lessor or Tract Lea "B" Field Grayburg Jackson State New Mexico

Well No. 14 Sec. 23 T. 17S R. 31E Meridian N.M.P.M. County Eddy

Location 2130 ft. {N.} of S Line and 660 ft. {E.} of W Line of Section 23 Elevation 3866'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 (ORIGINAL SIGNED) H. E. Arb

Date December 21, 1961 Title Dist. Supt.

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

Commenced drilling December 3, 19 61 Finished drilling December 8, 19 61

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2391' to 2402' No. 4, from 3555' to 3814'

No. 2, from 3172' to 3426' No. 5, from to

No. 3, from 3440' to 3537' 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	EW J-55	765'	Guide	--	--	--	Surface
4-1/2"	11.6# & 10.5#	8-R	SS J-55	3834'	Float	--	3769' (intervals)	3814'	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	779'	350	Pump & Plug	--	--
4-1/2"	3834'	400	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 4-1/2" OD casing perfs. 3769-3814' (intervals) with 44,100 gals. Lse. oil, 25,000# 20/40 sand, 1400# Adomite, 1250 gals. 15% Reg. Acid and 40 Ball Sealers by Halliburton Company.						

TOOLS USED

Rotary tools were used from 0 feet to 3835' feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing December 16, 19 61

The production for the first 24 hours was 163 barrels of fluid of which 43 % was oil; % emulsion; 57 % water; and % sediment. Gravity, °Bé. 37.6°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Horgirs, Driller Williams, Driller

Shannon, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	497	497	Sand & red beds
497	676	179	Anhydrite
676	1634	958	Salt
1634	1804	170	Anhydrite
1804	2159	355	Sand & anhydrite
2159	2777	618	Dolomite, anhydrite & sand
2777	2948	171	Sand & anhydrite
2948	3164	216	Sand
3164	3440	276	Dolomite & sand
3440	3540	100	Sand
3540	3835	295	Dolomite
	3835 Total Depth		
	3831 Plugged Back Total Depth		

GEOLOGICAL TOPS BY SCHLUMBERGER GAMMA GAMMA DENSITY LOG:

Top Anhydrite	497'
Top Salt	676'
Base Salt	1634'
Top Yates	1804'
Top Seven Rivers	2159'
Top Queen	2777'
Top Penrose	2948'
Top Grayburg	3164'
Top Premier	3440'
Top San Andres	3540'

[OVER]

FOLD | MARK

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.