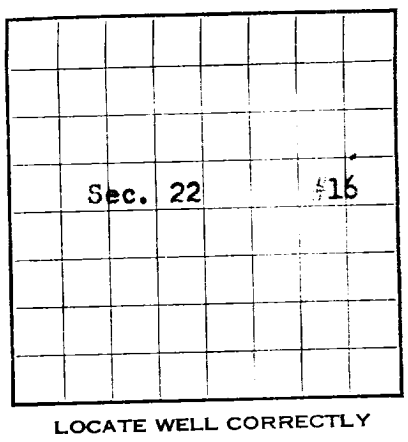
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029419-a
LEASE OR PERMIT TO PROSPECT

RECEIVED
DEC 19 1961
O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address P. O. Box 38 - Hobbs, New Mexico
Lessor or Tract Lynch "A" Field Grayburg Jackson State New Mexico
Well No. 16 Sec. 22 T. 17S R. 31E Meridian N.M.P.M. County Eddy
Location 1980 ft. {N. / S.} of S Line and 560 ft. {E. / W.} of E Line of section 22 Elevation 3858' (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. S. Acb
Title Dist. Supt.

Date December 8, 1961

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

Commenced drilling November 16, 1961 Finished drilling November 22, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2353' to 2368'
No. 2, from 3124' to 3386'
No. 3, from 3397' to 3489'
No. 4, from 3503' to 3808'
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, 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	Em J-55	635'	Guide	--	--	--	Surface
4-1/2"	11.6#	8-R	SS J-55	3810'	Float	--	3509	3616	Oil String
							3782	3808	
							(Intervals)		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	650'	280	Pump & Plug	--	--
4-1/2"	3820'	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. 3782-3808' (intervals) with 1259 bbls. oil and 50,000# 20/40 sand.						
Treated through 4-1/2" OD casing perfs. 3509-3616' (intervals) with 1500 bbls. "Slick Oil", and 50,000# 20/40 sand.						

TOOLS USED

Rotary tools were used from 0 feet to 3820 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 1, 1961

The production for the first 24 hours was 543 barrels of fluid of which 99.9% was oil; % emulsion; % water; and .1% 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

Hargise, Driller Shannon, Driller
Williams, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	440	440	Sand & red beds
440	630	190	Anhydrite
630	1615	985	Salt
1615	1778	163	Anhydrite
1778	2124	346	Sand & anhydrite
2124	2737	613	Dolomite, anhydrite & sand
2737	2904	167	Sand & anhydrite
2904	3124	220	Sand
3124	3397	273	Dolomite & sand
3397	3492	95	Sand
3492	3820	328	Dolomite
	3820 Total Depth		
	3813 Plug Back Total Depth		

GEOLOGICAL TOPS BY SCHLUMBERGER GAMMA GAMMA DENSITY LOG:

Top Anhydrite	440'
Top Salt	630'
Base Salt	1615'
Top Yates	1778'
Top Queen	2737'
Top Penrose	2904'
Top Grayburg	3124'
Top Premier	3397'
Top San Andres	3492'

FOLD | MARK

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43004-2 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.