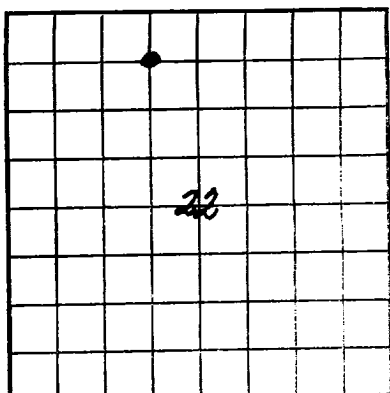


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **020419A**
LEASE OR PERMIT TO PROSPECT **Lynch**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Skelly Oil Company** Address **Tulsa, Oklahoma**
Lessor or Tract **Lynch** Field **Grayburg-** State **New Mexico**
Well No. **3** Sec. **22** T. **17** R. **31** Meridian **N. M.** County **Eddy**
Location **660** ft. **N.** of **W** Line and **1980** ft. **E.** of **W** Line of **Sec. 22** 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. G. McElvey** Title **Dist. Supt.**
Date **September 1, 1944**

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

Commenced drilling **May 21**, 19**44** Finished drilling **July 21**, 19**44**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2160** to **2170** No. 4, from _____ to _____
No. 2, from **2275** to **2280** No. 5, from _____ to _____
No. 3, from _____ to _____ 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		Purpose
							From—	To—	
8-5/8"	28	8V	L.	406					
8-5/8"	28	8V	L.	213					
7"	20	8H	S.	2230		- pulled - 766' lost in			
7"	20	8H	S.	2123					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	619'	100	Halliburton		
7"	3069'	200	Halliburton		
7"	2108'	100	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
4"			250 qt.	8-10-44	2150' to 2200'	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3768** feet, and from _____ feet to _____ feet

DATES

Put to producing **August 26,** 19**44**The production for the first 24 hours was **16** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % 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

_____, Driller _____, Driller
_____, Driller **Paul Critton**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Surface Sand
20	380	360	Redbed & redrock
380	545	165	Anhydrite - Top Anhydrite 380'
545	1555	1010	Salt - Top Salt 545'
			Base Salt 1555'
			Cemented 8-5/8" casing @ 619'
			w/100 sacks.
1555	1710	155	Anhydrite
1710	1735	25	Yates Sand - Top Yates Sand 1710'
1735	1935	200	Anhydrite, slate & shale
			VSS gas 1885' to 1895'
1935	2035	100	Anhydrite
2035	2042	7	SIM CONNECTION
2042	2160	126	Anhydrite
2160	2170	10	Anhydrite - Small show oil & gas
2170	2177	7	Anhydrite
2177			SIM CHECKED O.K.
2177	2275	98	Anhydrite
2275	2280	5	Anhydrite - Small show gas
2280	2665	385	Anhydrite
2665	2685	20	Red Sand - Very small show oil & gas
			2685' to 2685'
2685	2755	60	Anhydrite
2755	2775	20	Lime - broken
2775	2850	55	Anhydrite

(OVER)

FORMATION RECORD—CONTINUED

TOTAL FEET

—OL

FROM—

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 "mudcracked," 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.