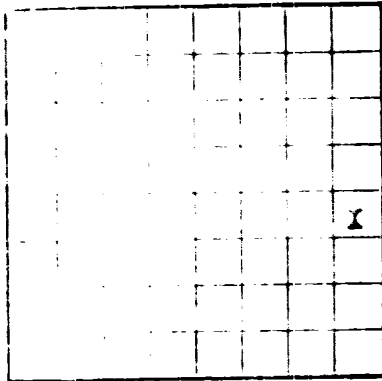


U. S. GEOLOGICAL SURVEY
 ND OFFICE 125 STUCCO
 SERIAL NUMBER 031670a
 LEASE OR PERMIT TO PROSPECT 169



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Well Name: Oil Company Address: Box 157, Hobbs, New Mexico
 Filed: 1917 State: New Mexico
 Section: 27 T. 28 R. 18 E. Meridian: 10 County: Lea
 Location: 10 ft. N. of S. Line and 220 ft. E. of E. line of Section 19 Elevation 2500
(elevation above sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
 as determined from all available records

Signed _____

Date: May 21, 1917Title: Dist. List. Dept.

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

Commenced drilling: April 9, 1917 Finished drilling: May 2, 1917

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

ILLEGIBLE

No. 1 from 1 to 3150 No. 2 from 3150 to 3150
 No. 3 from 3150 to 3150 No. 4 from 3150 to 3150
 No. 5 from 3150 to 3150 No. 6 from 3150 to 3150

IMPORTANT WATER SANDS

No. 1 from 1 to 3150 No. 3 from 3150 to 3150
 No. 2 from 3150 to 3150 No. 4 from 3150 to 3150

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8	75	8	H-40	249	Wide shoe				
8	75	8	H-40	249	Wide shoe				
8	75	8	H-40	249	Wide shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	260	250	Pump & mix		
8	450	1530	"	"	
8	1023	130	"	"	

PLUGS AND ADAPTERS

Heavy plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Retrieval tools were used from 0 feet to 3150 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing: May 21, 1917
 The production for the first 24 hours was 42 barrels of fluid of which 100 % was oil; 0 %
 water, and 0 % sediment. 45°

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

Gas pressure lbs. per sq. in. _____

0 3/4	260	250	PUT IN PLUG
7 5/8	4000	1530	"
5 1/2	9228	530	"

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth charged out

TOOLS USED

Rotary tools were used from feet to 9224 feet, and from feet to feet

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

DATES

....., 19..... Put to producing May 31, 19.....

The production for the first 24 hours was 42 barrels of fluid of which 100 % was oil; C % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 45°

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Glasspool Driller Carter Driller

Ball Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1360	1360	Redbeds
1360	1450	90	Anhydrite
1450	2520	1070	Salt
2520	3500	980	Dolomite, Anhydrite
3500	3830	330	Sand, Dolomite
3830	7620	3790	Dolomite
7620	7730	170	Lime
7730	8700	910	Dolomite, Chert
8700	9000	300	Lime, Shale
9000	9224	224	Sand, Shale

Geologic tops by EL - see attached sheet.

FORMATION RECORD—Continued

SEMU-MCKEE No. 57: McKee Pay 9089-9158. Casing Perforations 9086-96, 9112-27, 9135-44, 9152-58 with 28, 60, 36, 24 shots respectively. Treated with 200 gallons acid. Well was not shot. Tops by EL: Anhydrite 1400, Salt 1492, Base Salt 2547, Yatew 2693, Seven Rivers 2946, Queen 3520, Grayburg 3838, San Andres 4038, Glorieta 5336, Blinbry 5858, Tubb 6360, Drinkard 6662, Abo 6956, Devonian 7846, Fusselman 8178, Montoya 8508, Simpson Lime 8720, Simpson Sand 8795, McKee 9008, McKee Pay 9075