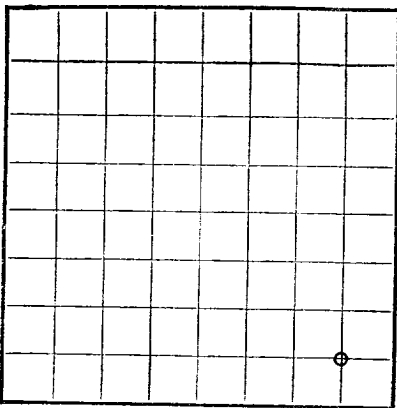




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER LC 065249
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 27 1959

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas
Lessor or Tract Federal "D" Field - State New Mexico
Well No. 1 Sec. 31 T. 9 R. 36 Meridian SPA County Lea
Location 660 ft. N. of 3 Line and 660 ft. E. of 4 Line of Section 31 Elevation 4052 SCF
(Derriek 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 W. F. Schafer W. F. SchaferDate November 25, 1959 Title Division Superintendent

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

Commenced drilling August 26, 1959 Finished drilling November 7, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 11,936 to 12,031 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 9560 to 9600 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—	
<u>11-3/4"</u>	<u>128</u>	<u>37 & 6</u>	<u>Natl.</u>	<u>3291</u>	<u>Larkin Guide shoe</u>				
<u>8-5/8"</u>	<u>92</u>	<u>BT & 6</u>	<u>Natl.</u>	<u>4092</u>	<u>Larkin shoe</u>				
<u>5-1/2"</u>	<u>207, 17</u>	<u>BT & 6 and BT</u>	<u>Natl.</u>	<u>12030</u>	<u>Beary Differential Guide shoe</u>		<u>12003</u>	<u>12023</u>	<u>w/80 shots</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>11-3/4"</u>	<u>327</u>	<u>450</u>	<u>Pump and plug</u>		
<u>8-5/8"</u>	<u>4092</u>	<u>1391</u>	<u>Pump and plug</u>		
<u>5-1/2"</u>	<u>12030</u>	<u>200</u>	<u>Pump and plug</u>		

* (210 sacks of cement with 6 gal. of 1 part cement to 1 part water & 50 gal. water)

Heaving plug—Material _____ Length _____ Depth set _____ cement)
Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from _____ feet to 12,031 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 13, 1959 Put to producing November 13, 1959The production for the first 24 hours was 1252 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 14.2 60 deg.

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

Rock pressure, lbs. per sq. in. _____ * Based on 6 hr. test, 24/64" choke, 313 bbls. EMPLOYEES make out 2/10 of 1 1/2 BG, GOR 48 CF/B.

J. S. Dennis _____, Driller T. G. Sexton _____, Driller

J. E. Franks _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
GEOLOGICAL TOP: - - - -		<u>2140</u>	<u>Anhydrite</u>
		<u>2795</u>	<u>Yates</u>
		<u>4060</u>	<u>San Andres</u>
		<u>5504</u>	<u>Glorieta</u>
		<u>6163</u>	<u>Clearfork</u>
		<u>6895</u>	<u>Tubb</u>
		<u>7670</u>	<u>Abo</u>
		<u>8299</u>	<u>Wolfcamp</u>
		<u>9366</u>	<u>Bursum</u>
		<u>9523</u>	<u>Cisco</u>
		<u>10979</u>	<u>Bend</u>
		<u>11338</u>	<u>Mississippian Line</u>
		<u>11866</u>	<u>Woodford</u>
		<u>11936</u>	<u>Devonian</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible][illegible]

(Petersen et al., 2007)

IMPORTANT WATER SAMPLES

CASING RECORD

THEY SAY NO TO JOINT SHIP

16-50852-2 U.S. GOVERNMENT PRINTING OFFICE

MUDJONG AND CEMENTING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOLS USED

DATE

FORMATION RECORD

NOTA MENO

FROM—

INFORMATION