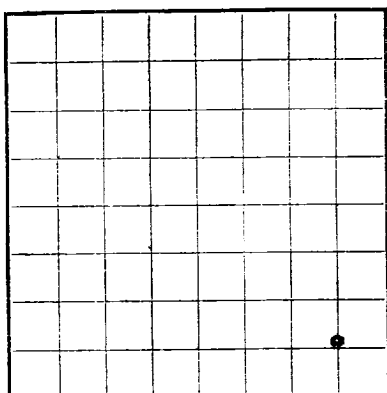


Las Cruces

U. S. LAND OFFICE 02919

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Bill Roden Address Box 767, Midland, Texas
Lessor or Tract Federal-Selman Field Bluitt Penn. State New Mexico
Well No. 1 Sec. 24 T. 8-S R. -36-E Meridian NMPM County Roosevelt
Location 660 ft. N of S Line and 660 ft. W of E Line of Sec. 24 Elevation 4078 KB
(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

Date December 18, 1959Title Agent

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

Commenced drilling September 28, 1959 Finished drilling November 27, 1959OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 9632 to 9652 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 450 to 520 No. 3, from _____ to _____
No. 2, from 535 to 605 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>13-3/8</u>	<u>48</u>	<u>8</u>	<u>H-40</u>	<u>394</u>	<u>H-40</u>	<u>Surface</u>	<u>0</u>	<u>265</u>	<u>Surface</u>
<u>8-5/8</u>	<u>28</u>	<u>8</u>	<u>J-55</u>	<u>4206.28</u>	<u>H-40</u>	<u>265</u>	<u>3300</u>	<u>3300</u>	<u>Intervall</u>
<u>5-1/2</u>	<u>17</u>	<u>8</u>	<u>J-55</u>	<u>9725.89</u>	<u>H-40</u>	<u>3300</u>	<u>9632</u>	<u>9652</u>	<u>Prod.</u>
			<u>H-80</u>						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>394</u>	<u>400</u> <u>xx</u> <u>neat</u>	<u>Pump</u>	<u>34</u>	<u>Cemented to surface</u>
<u>8-5/8</u>	<u>4206.28</u>	<u>260</u> <u>xx</u> <u>reg. & 600</u>	<u>Pump</u>	<u>45</u>	<u>Cem. from 4206.3 to 3300',</u>
		<u>bbls. Ken-Pak</u>			<u>Ken-Pak from 3300'-0'</u>
<u>5-1/2</u>	<u>9713.5</u>	<u>100</u> <u>xx</u> <u>50-50 Poz-Mix</u>	<u>Pump</u>	<u>40</u>	<u>Cem. from 9713.5-9713.5'</u>
					<u>mud to 4206</u>

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 9714 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 3, 1959

The production for the first 24 hours was 216 barrels of fluid of which 98.8% was oil; .1% emulsion; .1% water; and .1% sediment. Gravity, °Bé. 46.3

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

Rock pressure, lbs. per sq. in. 2985

EMPLOYEES

Fred Murphoy, Driller A. D. Summerlin, Driller
J. R. Welch, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	265	265	Surface
265	1690	1425	Bedbeds
1690	2834	1144	Anhydrite & salt
2834	3550	716	Yates top 2834, anhydrite
3550	4083	533	Queen top 3550, anhy. & lime
4083	5517	1434	San Andres top 4083, lime
5517	7726	2209	Glorieta top 5517, lime
7726	9062	1336	Abq top 7726, lime, lime & anhy.
9062	9556	494	Wolfcamp top 9062, lime, sandy lime, shale and lime
9556	9589	33	Bough A
9589	9625	36	Bough B
9625	9702	77	Bough C
9702	9714	12	Bough D PBID 9676
			DST 9630-9664, open 20 min., 1000' water blanket, gas 4 min., water blanket & oil in 12 min. Flowed est. 30 Ebbs. per hr., rec. 900' free oil. S.I.P. 2985 30 min., F.S.I.P. 2985/1' 20". IFP 2075#, FFP 2420#.

