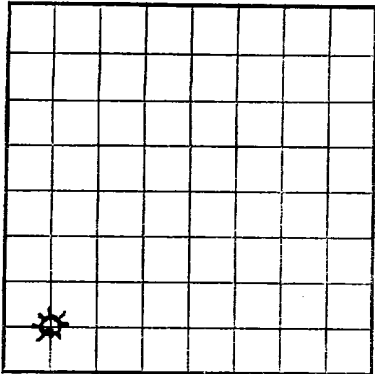


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF-080111**
LEASE OR PERMIT TO PROSPECT **SW/4**
Sec. 7

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **O. J. Lilly** Address **Farmington, New Mexico**
Lessor or Tract **Riddle** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **7** T. **27N** R. **12W** Meridian **NMPM** County **San Juan**
Location **660** ft. **N** of **S** Line and **660** ft. **E** of **W** Line of **Sec.** Elevation **5775**
(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 **[Signature]** Title **Operator**
Date **September 14, 1953**

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

Commenced drilling **2-24**, 19**53** Finished drilling **6-24**, 19**53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5350** to **5390** No. 4, from _____ to _____
No. 2, from **5839** to **5874 (G)** No. 5, from _____ to _____
No. 3, from **5896** to **5912 (G)** 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	
10-3/4	40.50	8R	Natl	166	Texas				
7"	28	8R	"	514.7	Halliburton				
5"	19	8	"	738	"	Top 5812			liner
2"	14.5	8	"	5807	Packer				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	166	155	Halliburton		
7"	514.7	110	"		
5"	5810	50	"		

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

TOOLS USED

Rotary tools were used from **0** feet to **5149** feet, and from **5149** feet to **5810** feet
Cable tools were used from **5810** feet to **5912** feet, and from _____ feet to _____ feet

DATES

September 12, 19**53** Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours **584 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **20714**

EMPLOYEES

McCormick Drilling Co. Driller **McCormick Drilling Co.** Driller

FOLD | MARK

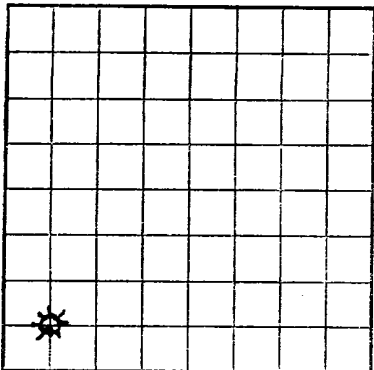
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HISTORY OF OIL OR GAS WELL

[illegible]

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF-080111**
LEASE OR PERMIT TO PROSPECT **SW/4 Sec. 7**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

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(Denote gas by G)

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							From	To	
10-3/4	40.50	8R	Natl	166	Texas				
7"	28	8R	"	5147	Halliburton				
5"	19	8	"	128	"	Top 5812			liner
2"	10.5	8	"	5007	Packer				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
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7"	5147	110	"		
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PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
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DATES

September 12, 19**53** Put to producing _____, 19____

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

If gas well, cu. ft. per 24 hours **584 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **2071#**

EMPLOYEES

McConnell Drilling Corp., Driller **Crow-Benson-Montin Drilling Co.**, Driller
Basin Drilling Co., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	450	450	Sand
450	650	200	Sand and shale
650	830	180	Shale and thin sand streaks
830	1225	395	Sand, shale, and coal streaks
1225	1340	115	Sand
1340	2125	785	Shale
2125	2800	675	Sand and shale
2800	2820	20	Sand
2820	3750	930	Sand, shale, and coal
3750	3940	190	Sand
3940	5149	1209	Shale
5149	5300	151	Shale and sand streaks
5300	5350	50	Shale
5350	5390	40	Shale and sand streaks
5390	5726	336	Shale
5726	5775	49	Lime and shale
5775	5804	29	Shale
5804	5912	108	Sand

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Address _____
City _____
State _____
County _____
Section _____
Twp. _____
Range _____

On balling test of oil found in sandstone from 5350 to 5390 showed
a total of 11-1/2 bbls. of oil. Balling test in open hole from 5347 to 5912 showed
5804 to 5912. Gas from the Dakota tested 35 ft. natural.

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17000. Results of oil sand treatment at pressures varying from 2000 to
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HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of a 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 fully the material used, position, and results of pumping or balling.
Old sand from 1800' sand and 2000' oil. Total oil used 130 bbls.
Formation broke at 2000', and well took treatment at pressures varying from 2000 to

FORMATION	DEPTH
Top Dakota	5804
Top Greenhorn	5775
Top Greenhorn	5726
Top Sandstone	5390
Top Sandstone	5350
Top Sandstone	5300
Top Sandstone	5247
Top Sandstone	3940
Top Sandstone	3750
Top Sandstone	2820
Top Sandstone	2760
Top Sandstone	1340
Top Sandstone	1225
Top Sandstone	910
Top Sandstone	650
Top Sandstone	515
Top Sandstone	450
Top Sandstone	450

FORMATION	DEPTH	REMARKS
Top Dakota	5804	
Top Greenhorn	5775	
Top Greenhorn	5726	
Top Sandstone	5390	
Top Sandstone	5350	
Top Sandstone	5300	
Top Sandstone	5247	
Top Sandstone	3940	
Top Sandstone	3750	
Top Sandstone	2820	
Top Sandstone	2760	
Top Sandstone	1340	
Top Sandstone	1225	
Top Sandstone	910	
Top Sandstone	650	
Top Sandstone	515	
Top Sandstone	450	
Top Sandstone	450	