

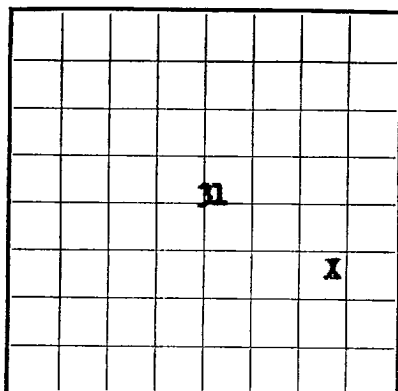
U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **053822 NM**

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
AUG 22 1962
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company J. L. Mills Address 1402 Philtower Bldg. Tulsa, Okla.
Lessor or Tract Stribling Field Basin Dakota State New Mexico
Well No. 1 Sec. 31 T. 31N R. 13W Meridian NMPH County San Juan
Location 1565 ft. N of S Line and 1040 ft. E of W Line of Sec. 31 Elevation 5719
(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 August 15, 1962Title Petroleum Engineer

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

Commenced drilling April 28, 19 62 Finished drilling May 24, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6208 to 6300 (G) No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDSNo. 1, from 1600 to 1750 No. 3, from _____ to _____No. 2, from 3200 to 4300 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	24.0	8	Spang	100	Howe				Surface
4-1/2	10.5	8	Spang	6792	Howe		6216	6227	Production
							6259	6265	
							6273	6282	
							6289	6300	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	100	130	Howe 1-plug		
4-1/2	6402	200	DV tool & 5716' - 100 sacks thru DV tool and shoe @ 6402		100 sacks around shoe.

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 _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

_____, 19 _____ Put to producing _____, 19 _____

June 18 62
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 4588 I.P. Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 5415 AGE**2052 Surface pressure**

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

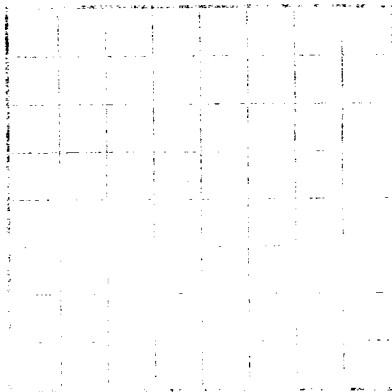
FROM—	TO—	TOTAL FEET	FORMATION
0	520	520	Shale
520	900	380	Sand and shale
900	1320	420	Shale
1320	1600	280	Sand and shale
1600	1740	140	Sand
1740	2760	1020	Shale
2760	3200	440	Shale and sand
3200	3330	130	Sand
3330	4000	670	Sand and shale
4000	4360	360	Sand
4360	5330	970	Shale
5330	5610	280	Shale & shaley sand

(OVER)

FORMATION RECORD—CONTINUED



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and then shut-in for gauge.
Well started flowing. Ran 2-inch tubing to 6300 feet. Flowed well to clean
26,000 gallons water. BHP 508 psi, TP 3088-3700 psi. Drilled out BP.
6215-27, with 4 holes per foot. Trac treated with 17,500 lbs. sand and
TP 2600-2900 psi, IR 38 BPM. Set magnesium BP at 6245. Perforated Dakota
foot. Trac treated with 40,000 lbs. sand and 70,000 gallons water. BHP 1700 psi,
for 30 minutes. Perforated Dakota 6259-65, 6273-82, 6289-6300 with 2 jets per
4-1/2 inch casing to PHD 6368. Pressure tested casing to 3500 psi. Held OK
DV tool with 100 sacks. PD 8100PM 5-20-62. WOC 24 hours. Drilled out inside
at 6402 with 100 sacks around shoe. DV tool at 5716 feet. Cemented through
T.D. 5-19-62. Ran wellbore-Isobutene-Jag. Cemented 4-1/2 inch casing
PD 4-29-62. WOC 24 hours. Drilled 7-7/8 hole to total depth of 6420. Reached
spudded 4-28-62. Set 8-5/8 inch casing at 100 feet with 130 sacks.

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
"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 kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
6410	6425	15	Shale
6330	6410	80	Sand
6300	6330	30	Shale
6210	6300	90	Sand
6140	6210	70	Shale
6100	6140	40	Shaly sand
5610	6100	490	Shale
Electric Log Tops:			
			Pictured cliffs 1600
			Leds 1750
			Mesa Verde 3210
			Mancos 4350
			Gallop 5332
			Greenhorn 6100
			Graneros 6190
			Dakota 6210