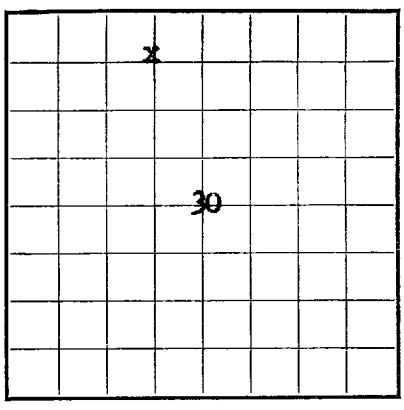
Form 9-330



LOCATE WELL CORRECTLY

RECEIVED
MAY 7 1959
OIL CON. COM.
DIST. 3

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Ute Mountain Tribal
SERIAL NUMBER 14-20-604-84
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 6 1959

LOG OF OIL OR GAS WELL

Company Three States Natural Gas Co. Address P. O. Box 67, Farmington, New Mexico

Lessor or Tract Tribal Field Verde-Gallup State New Mexico

Well No. 4 Sec. 30 T. 31N R. 14W Meridian NMPM County San Juan

Location 660 ft. {N./S.} of N Line and 1980 ft. {E./W.} of W Line of Section 30 Elevation 5555 (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 Original Signed By John Carothers

Date 5-4-59 Title Assistant District Supt.

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

Commenced drilling 12-29-58, 19 Finished drilling 4-6-59, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3750 to 3855 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 1135 to 1249 No. 3, from 2090 to 2120

No. 2, from 1815 to 1920 No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13-3/8	48	8	J & L	105.33	Tex. Pat.				Surface
7"	20	8	CPAI	2650	" "				Intermediate
5½	14	8	CPAI	3728.80	" "				Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	112	75	HOWCO		
7"	2652	None	Mud		
5½	3729	25	HOWCO		
2-3/8	3662				

FOLD MARK

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 0 feet to 3855 feet, and from feet to feet

DATES

, 19 Put to producing 5-1-59, 19

The production for the first 24 hours was 93.04 barrels of fluid of which 67 % was oil; % emulsion; 33% water; and % sediment. Gravity, °Bé. 40.6

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Jess Hornbuckle, Driller Dewey Eager, Driller

Wayne Reynolds, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Yellow clay
25	500	475	Shale
500	535	35	Shale w/sand streaks
535	570	35	Sandy shale
570	640	70	Shale
640	652	12	Sand
652	668	16	Shale
668	695	27	Sand
695	720	25	Shale & sand
720	745	25	Sandy shale
745	850	105	Shale
850	855	5	Sand
855	960	105	Shale
960	968	8	Sand
968	995	27	Shale
995	1015	20	Sand & shale
1015	1040	25	Sandy shale
1040	1075	35	Shale
1075	1110	35	Sand & shale
1110	1155	45	Sand
1155	1172	17	Shale
1172	1249	77	Sand
1249	1260	11	Shale
1260	1277	17	Sand
1277	1295	18	Shale
1295	1312	17	Sand

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1312	1455	143	Shale
1455	1490	35	Sand & shale
1490	1565	75	Sandy shale
1565	1625	60	Shale
1625	1660	35	Sand
1660	1690	30	Shale
1690	1715	25	Sand
1715	1740	25	Sand & shale
1740	1765	25	Sand
1765	1780	15	Shale
1780	1800	20	Sand
1800	1807	7	Sandy shale
1807	1880	73	Sand
1880	1900	20	Sandy shale
1900	1930	30	Sand
1930	1945	15	Shale
1945	1970	25	Sand
1970	2090	120	Shale Point Lookout 2050'
2090	2120	30	Sand
2120	2140	20	Sand & shale
2140	2165	25	Black shale
2165	2378	213	Sand
2378	2405	27	Shale
2405	2512	107	Sand
2512	2537	25	Shale
2537	2555	18	Sand
2555	2567	12	Shale
2567	2578	11	Sand Mancos 2560'
2578	3855	1277 T.D.	Shale Gallup 3750'

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HISTORY OF OIL OR GAS WELL

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 bailing.