

U. S. LAND OFFICE Santa FeSERIAL NUMBER 076895

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
OCT 1 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company McMillan & White Address Box 302, Anthony, Texas
Lessor or Tract McMillan & White Field Hospah Ext. State New Mexico
Well No. 1-X Sec. 2 T. 17N R. 9W Meridian NMPM County McKinley
Location 345 ft. N of N Line and 350 ft. E of E Line of Sec. 2 Elevation ?
(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 9/19/53 Jay J. Harris Geologist

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

Commenced drilling June 4, 1953 Finished drilling August 10, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1689 to 1691 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 540 to 595 No. 3, from _____ to _____
No. 2, from 1691 to 1704 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
12 1/2"	40#			100'				
8"	23#			1286'	None	1286'		Surface Water

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2"	100'	75	Halliburton		
8"	1286'	Mudded	Mudded		Aquagel

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 Surface feet to 1800 feet, and from _____ feet to _____ feet

DATES

6-4, 1953 Put to producing Dry 8-10, 1953.

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

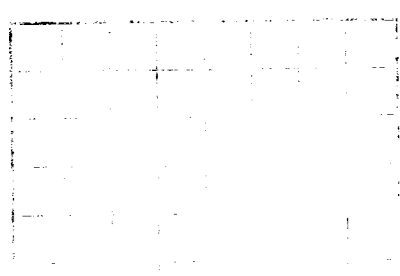
EMPLOYEES

Ike Barret, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	55	55	Shale & sand Lewis
55	100	45	Shale
100	190	90	Sandy Shale
190	345	165	Green and brown shale
345	510	165	Shale & coal (Coal at 450')
510	540	30	Sand
540	595	55	Water sand
595	623	28	Shale
623	840	217	Shale
840	1100	260	Sandy Shale
1100	1150	50	Sand water
1150	1400	250	Sand & shale streaks
1400	1689	289	Shale
1689	1704	15	Sand-Show oil-Water - Hospah
1704	1730	26	Sand water
1730	1802	72	Shale

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D. C.
20548



LOG OF OIL OR GAS WELL

1. Name of well: _____
2. Location: _____
3. Date of completion: _____
4. Name of operator: _____
5. Name of driller: _____
6. Name of logger: _____
7. Name of recorder: _____
8. Name of supervisor: _____
9. Name of engineer: _____
10. Name of geologist: _____
11. Name of chemist: _____
12. Name of physicist: _____
13. Name of biologist: _____
14. Name of meteorologist: _____
15. Name of hydrologist: _____
16. Name of geophysicist: _____
17. Name of geotechnical engineer: _____
18. Name of environmental engineer: _____
19. Name of civil engineer: _____
20. Name of mechanical engineer: _____
21. Name of electrical engineer: _____
22. Name of chemical engineer: _____
23. Name of industrial engineer: _____
24. Name of agricultural engineer: _____
25. Name of marine engineer: _____
26. Name of aerospace engineer: _____
27. Name of nuclear engineer: _____
28. Name of biomedical engineer: _____
29. Name of computer engineer: _____
30. Name of software engineer: _____
31. Name of systems engineer: _____
32. Name of network engineer: _____
33. Name of database engineer: _____
34. Name of security engineer: _____
35. Name of quality engineer: _____
36. Name of project engineer: _____
37. Name of product engineer: _____
38. Name of design engineer: _____
39. Name of manufacturing engineer: _____
40. Name of maintenance engineer: _____
41. Name of repair engineer: _____
42. Name of installation engineer: _____
43. Name of testing engineer: _____
44. Name of validation engineer: _____
45. Name of verification engineer: _____
46. Name of compliance engineer: _____
47. Name of regulatory engineer: _____
48. Name of standards engineer: _____
49. Name of certification engineer: _____
50. Name of accreditation engineer: _____

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 drilling.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Sand
20	30	30	Clay
30	40	40	Shale
40	50	50	Limestone
50	60	60	Gypsum
60	70	70	Salt
70	80	80	Oil
80	90	90	Gas
90	100	100	Water
100	110	110	Oil
110	120	120	Gas
120	130	130	Water
130	140	140	Oil
140	150	150	Gas
150	160	160	Water
160	170	170	Oil
170	180	180	Gas
180	190	190	Water
190	200	200	Oil
200	210	210	Gas
210	220	220	Water
220	230	230	Oil
230	240	240	Gas
240	250	250	Water
250	260	260	Oil
260	270	270	Gas
270	280	280	Water
280	290	290	Oil
290	300	300	Gas
300	310	310	Water
310	320	320	Oil
320	330	330	Gas
330	340	340	Water
340	350	350	Oil
350	360	360	Gas
360	370	370	Water
370	380	380	Oil
380	390	390	Gas
390	400	400	Water
400	410	410	Oil
410	420	420	Gas
420	430	430	Water
430	440	440	Oil
440	450	450	Gas
450	460	460	Water
460	470	470	Oil
470	480	480	Gas
480	490	490	Water
490	500	500	Oil
500	510	510	Gas
510	520	520	Water
520	530	530	Oil
530	540	540	Gas
540	550	550	Water
550	560	560	Oil
560	570	570	Gas
570	580	580	Water
580	590	590	Oil
590	600	600	Gas
600	610	610	Water
610	620	620	Oil
620	630	630	Gas
630	640	640	Water
640	650	650	Oil
650	660	660	Gas
660	670	670	Water
670	680	680	Oil
680	690	690	Gas
690	700	700	Water
700	710	710	Oil
710	720	720	Gas
720	730	730	Water
730	740	740	Oil
740	750	750	Gas
750	760	760	Water
760	770	770	Oil
770	780	780	Gas
780	790	790	Water
790	800	800	Oil
800	810	810	Gas
810	820	820	Water
820	830	830	Oil
830	840	840	Gas
840	850	850	Water
850	860	860	Oil
860	870	870	Gas
870	880	880	Water
880	890	890	Oil
890	900	900	Gas
900	910	910	Water
910	920	920	Oil
920	930	930	Gas
930	940	940	Water
940	950	950	Oil
950	960	960	Gas
960	970	970	Water
970	980	980	Oil
980	990	990	Gas
990	1000	1000	Water