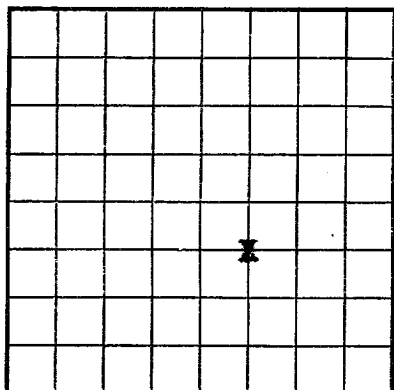


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 020393 b
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Kincaid & Watson Address Box 536, Artesia, New Mexico
Lessor or Tract Malco Field North Shugart State New Mexico
Well No. Malco #1 Sec. 18 T. 18S R. 31E Meridian NMPM County Eddy
Location 1980 ft. (N.) of S Line and 1980 ft. (W.) of E Line of Sec. 18-18S-31E 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 G. Rex HolmanDate 1-25-54 Title Agent

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

Commenced drilling 11-13-53, 19____ Finished drilling 1-2-54, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3589 to 3598 Smell of Gas 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 573 to 582 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—	
8 5/8	24	4	API	100	API	Surface			Drilling
7	20	4	API	100	API	Surface			Drilling
6	16	4	API	100	API	Surface			Drilling
5	12	4	API	100	API	Surface			Drilling
4	8	4	API	100	API	Surface			Drilling
3	6	4	API	100	API	Surface			Drilling
2	4	4	API	100	API	Surface			Drilling
1	2	4	API	100	API	Surface			Drilling

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	706	50	Denton	1.25	
7	3001	100	Halliburton	1.25	

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 3629 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Plugged & AbandonedThe 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

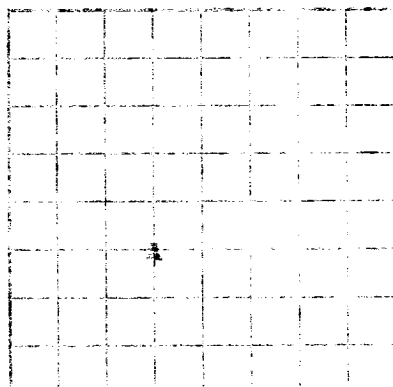
M. D. Walker, Driller O. C. Bean, Driller
E. I. Glover, Driller W. E. Fleming, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1000	1000	0	Surface
900	1000	100	Gravel
800	1000	200	Sand
700	1000	300	Clay
600	1000	400	Sand
500	1000	500	Clay
400	1000	600	Sand
300	1000	700	Clay
200	1000	800	Sand
100	1000	900	Clay
0	1000	1000	Sand

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Location of well (N. of Line and E. of Line) of Section 16, Township 10 N., Range 10 E.,
County of Grant, State of North Dakota.
The information given herewith is a complete and correct record of the well and all work thereon
so far as can be determined from all available records.

Signed _____
Date _____

The summary on this page is for the condition of the well at above date.
(Commenced drilling _____ Finished drilling _____, 19____)

OIL OR GAS SANDS OR ZONES

(Feet and by)		No. 1 from _____ to _____		No. 2 from _____ to _____		No. 3 from _____ to _____		No. 4 from _____ to _____	
3572	Sandy lime	4		3576	Sandy lime	4		3581	Sandy lime
3576	Sandy lime	8		3588	Sandy lime	8		3598	Sandy lime
3581	Sandy lime	9		3611	Sandy lime	13		3618	Sandy lime
3588	Sandy lime	11		3629	Sandy lime	11		3629	Sandy lime
3598	Sandy lime								
3611	Sandy lime								
3618	Sandy lime								
3629	Sandy lime								

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
"struck" 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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
0	15	15	Caliche
15	115	100	Red bed
115	200	85	Red rock
200	260	60	Red rock & shells
260	310	50	Red rock
310	318	8	Sand
318	345	26	Red rock & anhydrite
345	355	10	Red rock
355	500	145	Anhydrite
500	605	5	Red shale
605	615	10	Anhydrite
615	640	25	Red bed
640	670	30	Anhydrite & salt stringers
670	695	25	Red rock
695	718	23	Salt
718	800	82	Anhydrite
800	810	10	Salt
810	1175	365	Anhydrite
1175	1265	90	Salt
1265	1285	20	Anhydrite & salt
1285	1561	270	Salt
1561	1561	26	Anhydrite
1561	1710	149	Salt
1710	1990	280	Anhydrite
1990	2035	45	Broken anhydrite & red rock
2035	2080	45	Broken anhydrite
2080	2265	185	Anhydrite
2265	2375	110	Anhydrite
2375	2450	75	Anhydrite
2450	2500	50	Anhydrite & lime
2500	2560	60	Anhydrite
2560	2575	15	Anhydrite
2575	2635	60	Anhydrite
2635	2650	15	Lime
2650	2670	20	Lime & anhydrite
2670	2676	6	Lime
2676	2685	9	Anhydrite
2685	2760	75	Anhydrite & lime
2760	2770	10	Lime
2770	3001	231	Anhydrite & lime
3001	3064	63	Lime
3064	3102	38	Red sand
3102	3180	78	Lime
3180	3194	14	Sandy lime
3194	3236	42	Lime
3236	3254	18	Grand lime
3254	3258	4	Hard lime
3258	3265	7	Hard lime
3265	3295	30	Broken lime
3295	3331	36	Broken lime
3331	3418	87	Sandy lime
3418	3428	10	Sandy lime
3428	3433	5	Sandy lime
3433	3472	39	Sandy brown lime
3472	3495	23	Red sand
3495	3527	32	Flow lime
3527	3534	7	Flow lime
3534	3563	29	Sandy shale
3563	3572	9	Sandy shale