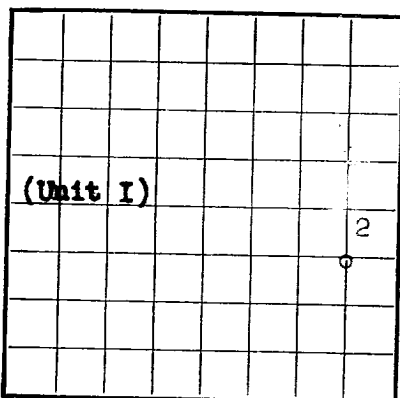


(now) Santa Fe, N.M.
Las Cruces

U. S. LAND OFFICE

SERIAL NUMBER L.C. 069184

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Whaley Company, Inc. Address 1301-3 Continental Life Bldg.
Fert Worth 2, Texas
Lessor or Tract Federal "A" Field Caprock State New Mexico
Well No. 2 Sec. 15 T. 13-S R. 31 E Meridian N.M.P.M. County Chaves
Location 1980 ft. N. of S Line and 660 ft. E. of E Line of Section 15 Elevation 4421
(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.

Date June 24th, 1955 Signed William D. Morris Title President
The summary of this log is for the condition of the well at above date.

Commenced drilling April 12th, 1955 Finished drilling June 24th, 1955
LOG OF WELL: OIL OR GAS SANDS OR ZONES
LOG OF VARIATIONS: 1150 (Denote gas by G)

No. 1, from 3019 to 3021 (G) No. 4, from 3021 to 3023
No. 2, from 3021 to 3023 No. 5, from 3023 to 3025
No. 3, from 3023 to 3025 No. 6, from 3025 to 3027

No. 1, from 3019 to 3021 No. 4, from 3021 to 3023
No. 2, from 3021 to 3023 No. 5, from 3023 to 3025
No. 3, from 3023 to 3025 No. 6, from 3025 to 3027

No. 1, from 3019 to 3021 No. 4, from 3021 to 3023
No. 2, from 3021 to 3023 No. 5, from 3023 to 3025
No. 3, from 3023 to 3025 No. 6, from 3025 to 3027

No. 1, from 3019 to 3021 No. 4, from 3021 to 3023
No. 2, from 3021 to 3023 No. 5, from 3023 to 3025
No. 3, from 3023 to 3025 No. 6, from 3025 to 3027

No. 1, from 3019 to 3021 No. 4, from 3021 to 3023
No. 2, from 3021 to 3023 No. 5, from 3023 to 3025
No. 3, from 3023 to 3025 No. 6, from 3025 to 3027

No. 1, from 3019 to 3021 No. 4, from 3021 to 3023
No. 2, from 3021 to 3023 No. 5, from 3023 to 3025
No. 3, from 3023 to 3025 No. 6, from 3025 to 3027

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	294	225 sacks	Halliburton		circulated to surface
7" OD	3010	500 sacks	Halliburton		

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 3017 feet, and from 3019 feet to 3038 feet
Cable tools were used from 3017 feet to 3019 feet, and from _____ feet to _____ feet

DATES

June 24th, 1955 Put to producing June 24th, 1955

The production for the first 24 hours was 408 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. P. Homer, Driller J. D. Pinkston, Driller
F. F. Bevils, Driller C. C. Grimsley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45	45	Caliche and Lime Rock
45	110	65	Hard Sand and Rock
110	313	203	Red Beds and Red Rock
313	1131	818	Red Beds
1131	1353	222	Red Beds
1353	1390	37	Red Beds and Shale
1390	1420	30	Red Beds
1420	1435	15	Anhydrite (Hard)
1435	1495	60	Anhydrite and Shale
1495	1744	249	Salt
1744	2176	432	Salt and Anhydrite
2176	2393	217	Anhydrite and Gyp
2393	3015	622	Anhydrite and Shale
3015	3019	4	Lime Cap (Hard)
3019	3021	2	Sand-Gas
3021	3038	17	Sand-Oil
3038 T.D.			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

No. 1 from
Elevation: 7,251' (6)
No. 4 from
Top of Anhydrite: 1420'
(Densities)
Log of Salt: 1495' OR GAS SANDS OR ZONES
Base of Salt: 2,151'
Log of Sand: 2,240'
To SS finished drilling June 24th 1938

The remaining 3015' condition of the well as above described.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
0000	3030	17	Band-011
3030	3041	11	Band-002
3041	3042	1	Time Gap (core)
3042	3045	3	Anhydrite and shale
3045	3047	2	Anhydrite and gyp
3047	3048	1	Salt and Anhydrite
3048	3049	1	Salt
3049	3050	1	Anhydrite and shale
3050	3051	1	Anhydrite (hard)
3051	3052	1	Salt beds
3052	3053	1	Salt beds and shale
3053	3054	1	Salt beds
3054	3055	1	Salt beds
3055	3056	1	Salt beds and shale
3056	3057	1	Salt beds and shale
3057	3058	1	Salt beds and shale
3058	3059	1	Salt beds and shale
3059	3060	1	Salt beds and shale
3060	3061	1	Salt beds and shale
3061	3062	1	Salt beds and shale
3062	3063	1	Salt beds and shale
3063	3064	1	Salt beds and shale
3064	3065	1	Salt beds and shale
3065	3066	1	Salt beds and shale
3066	3067	1	Salt beds and shale
3067	3068	1	Salt beds and shale
3068	3069	1	Salt beds and shale
3069	3070	1	Salt beds and shale
3070	3071	1	Salt beds and shale
3071	3072	1	Salt beds and shale
3072	3073	1	Salt beds and shale
3073	3074	1	Salt beds and shale
3074	3075	1	Salt beds and shale
3075	3076	1	Salt beds and shale
3076	3077	1	Salt beds and shale
3077	3078	1	Salt beds and shale
3078	3079	1	Salt beds and shale
3079	3080	1	Salt beds and shale
3080	3081	1	Salt beds and shale
3081	3082	1	Salt beds and shale
3082	3083	1	Salt beds and shale
3083	3084	1	Salt beds and shale
3084	3085	1	Salt beds and shale
3085	3086	1	Salt beds and shale
3086	3087	1	Salt beds and shale
3087	3088	1	Salt beds and shale
3088	3089	1	Salt beds and shale
3089	3090	1	Salt beds and shale
3090	3091	1	Salt beds and shale
3091	3092	1	Salt beds and shale
3092	3093	1	Salt beds and shale
3093	3094	1	Salt beds and shale
3094	3095	1	Salt beds and shale
3095	3096	1	Salt beds and shale
3096	3097	1	Salt beds and shale
3097	3098	1	Salt beds and shale
3098	3099	1	Salt beds and shale
3099	3100	1	Salt beds and shale
3100	3101	1	Salt beds and shale
3101	3102	1	Salt beds and shale
3102	3103	1	Salt beds and shale
3103	3104	1	Salt beds and shale
3104	3105	1	Salt beds and shale
3105	3106	1	Salt beds and shale
3106	3107	1	Salt beds and shale
3107	3108	1	Salt beds and shale
3108	3109	1	Salt beds and shale
3109	3110	1	Salt beds and shale
3110	3111	1	Salt beds and shale
3111	3112	1	Salt beds and shale
3112	3113	1	Salt beds and shale
3113	3114	1	Salt beds and shale
3114	3115	1	Salt beds and shale
3115	3116	1	Salt beds and shale
3116	3117	1	Salt beds and shale
3117	3118	1	Salt beds and shale
3118	3119	1	Salt beds and shale
3119	3120	1	Salt beds and shale
3120	3121	1	Salt beds and shale
3121	3122	1	Salt beds and shale
3122	3123	1	Salt beds and shale
3123	3124	1	Salt beds and shale
3124	3125	1	Salt beds and shale
3125	3126	1	Salt beds and shale
3126	3127	1	Salt beds and shale
3127	3128	1	Salt beds and shale
3128	3129	1	Salt beds and shale
3129	3130	1	Salt beds and shale
3130	3131	1	Salt beds and shale
3131	3132	1	Salt beds and shale
3132	3133	1	Salt beds and shale
3133	3134	1	Salt beds and shale