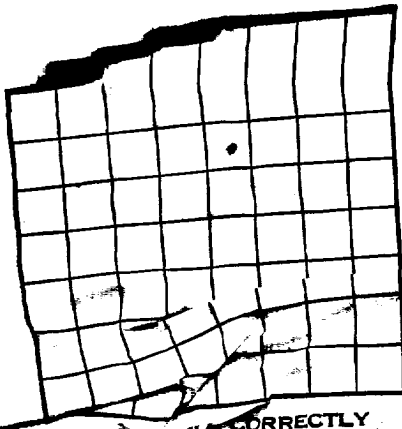


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U. S. LAND OFFICE L. C.
SERIAL NUMBER 058126

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. Smith Address 1102 W. Main Ave.
 Location or Tract Yates Field Nichols State N. M.
 Well No. 1 Sec. 13 T. 18S R. 28E Meridian NMPM County Edgy
 Location off of N Line and 2310 ft. of E Line of Sec. 13 Elevation 3666
 (Denote gas by G)
 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 records.
 Signed W. N. Morgan Title Driller

Date summary on this page is for the condition of the well at above date.
 commenced drilling Oct. 5, 1952 Finished drilling 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2501 to 2512 No. 4, from 2512 to 2515
 No. 2, from 2515 to 2530 No. 5, from 2530 to 2535
 No. 3, from 2535 to 2580 No. 6, from 2580 to 2585

IMPORTANT WATER SANDS

No. 1, from None to 2512 No. 3, from 2512 to 2515
 No. 2, from 2515 to 2530 No. 4, from 2530 to 2535

CASING RECORD

Size casing	Weight per foot	Thread per inch	Make	Amount	Kind of steel	Cut and pulled from	Perforated	Purpose
							From	To
5 1/2"	11.2	1 1/2	LEID	245	Hot	2512		
5 1/2"	11.2	1 1/2	LEID	245	Hot	2512		

MUDDING AND CEMENTING RECORD

Size casing	Where	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2"	245	65	Denton	Heavy	125 Sacks Acqugel

PLUGS AND ADAPTERS

Material Cement Length 2515-2697
 Heavy Material Cement Size 2515-2697
 Adapter Cement Size 2515-2697

SHOOTING RECORD

Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Arfrac		1500 Gal.	12/23	2697	2559
Arfrac		750	12/7	2586	2491

TOOLS USED

Rotary tools were used from 0 feet to 2697 feet, and from 2697 feet to 2697 feet
 Cable tools were used from 0 feet to 2697 feet, and from 2697 feet to 2697 feet

DATES

Put to producing 19
 The production for the first 24 hours was None barrels of fluid of which None % was oil; None %
 emulsion; None % water; and None % sediment. Gravity, °Bé. None
 If gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas None
 Rock pressure, lbs. per sq. in. None

EMPLOYEES

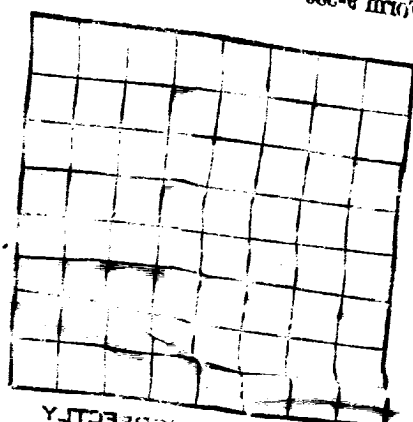
J. D. Agnew, Driller Key Barkhart, Driller
W. N. Morgan, Driller None, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Caliche
10	90	80	Sand
90	175	85	Red bed
175	225	50	Gravel
225	312	87	Red Rock
312	338	16	Dyp
338	766	128	Salt
766	825	59	Anhydrite & Red Bed
825	1000	175	Broken Anhydrite
1000	1934	934	Broken Anhydrite & Red Rock
1934	1940	6	Red Sand
1940	1960	20	Red Sand & Anhydrite
1960	2075	135	Anhydrite & Lime & Shells
2075	2090	15	Lime
2090	2100	10	Broken Lime & Red rock
2100	2120	20	Red Rock & Anhydrite
2120	2130	30	Anhydrite
2130	2165	15	Pink Lime
2165	2185	20	Gray Sand
2185	2210	25	Broken Anhydrite & Red rock
2210	2225	15	Anhydrite & Lime
2225	2235	10	Lime
2235	2255	20	Dolomite
2255	2501	246	Lime

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WE, CORRECTLY

The information given herewith is a true record of the location of the well and all work done thereon
 as far as can be determined.
 Location of well No. _____ of _____ Line and _____ of _____ Meridian
 Section _____ T. _____ R. _____
 County _____ State _____
 Address _____
 Title _____

Date _____
 Drilling _____
 Finished drilling _____, 19____

(Note: The above information is for the condition of the well at above date.)

OIL OR GAS SANDS OR ZONTS

No. 1 from		No. 2 from		No. 3 from		No. 4 from		No. 5 from		No. 6 from		No. 7 from		No. 8 from		No. 9 from		No. 10 from	
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
IMPORTANT WATER SANDS																			
Devote gas by G)																			

CASINO RECORD

Name of well	Depth, feet	Direction of flow	Name of owner	Amount	Kind of water	Cut and pulled from	Estimated		Purpose
							From	To	
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 the results. If there were any changes made in the casing, state fully, and if any casing was "mended" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or pipes were put into test for water, state kind of material used, position, and results of pumping or bailing.									

HISTORY OF OIL OR GAS WELL

WIDING AND COMMENTING RECORD

MIDDLES AND COMMENTING RECORD

Method used	Method used	Method used	Method used
Method used	Method used	Method used	Method used

ADAPTERS

Depth set	Depth	Material	Material
2517-5054	1000	1000	1000

SHOOTING RECORD

Date	Depth shot	Depth cleaned out
10/17	5698-7000	5698-7000
10/18	5698-7000	5698-7000

TOOL USED

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

DATE

It gas well, cu. ft. per 24 hours	% sediment	Gravity, °Be.	% water; and	The percentage for the first 24 hours was	Put to producing
_____	_____	_____	_____	_____	_____
Gallons gasoline per 1,000 cu. ft. of gas				_____ barrels of fluid of which _____% was oil; _____%	_____ 19 _____

EMPTOYES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
2501	2512	11	pure sand
2512	2540	28	fine sand & shells
2540	2547	7	fine sand & shells
2547	2617	70	fine sand & shells
2617	2620	3	fine sand & shells
2620	2647	27	fine sand & shells
2647	2650	3	fine sand & shells
2650	2663	13	fine sand & shells
2663	2680	17	fine sand & shells
2680	2697	17	fine sand & shells
2697	2700	3	fine sand & shells
2700	2707	7	fine sand & shells
2707	2717	10	fine sand & shells
2717	2747	30	fine sand & shells
2747	2757	10	fine sand & shells
2757	2767	10	fine sand & shells
2767	2777	10	fine sand & shells
2777	2787	10	fine sand & shells
2787	2797	10	fine sand & shells
2797	2807	10	fine sand & shells
2807	2817	10	fine sand & shells
2817	2827	10	fine sand & shells
2827	2837	10	fine sand & shells
2837	2847	10	fine sand & shells
2847	2857	10	fine sand & shells
2857	2867	10	fine sand & shells
2867	2877	10	fine sand & shells
2877	2887	10	fine sand & shells
2887	2897	10	fine sand & shells
2897	2907	10	fine sand & shells
2907	2917	10	fine sand & shells
2917	2927	10	fine sand & shells
2927	2937	10	fine sand & shells
2937	2947	10	fine sand & shells
2947	2957	10	fine sand & shells
2957	2967	10	fine sand & shells
2967	2977	10	fine sand & shells
2977	2987	10	fine sand & shells
2987	2997	10	fine sand & shells
2997	3007	10	fine sand & shells
3007	3017	10	fine sand & shells
3017	3027	10	fine sand & shells
3027	3037	10	fine sand & shells
3037	3047	10	fine sand & shells
3047	3057	10	fine sand & shells
3057	3067	10	fine sand & shells
3067	3077	10	fine sand & shells
3077	3087	10	fine sand & shells
3087	3097	10	fine sand & shells
3097	3107	10	fine sand & shells
3107	3117	10	fine sand & shells
3117	3127	10	fine sand & shells
3127	3137	10	fine sand & shells
3137	3147	10	fine sand & shells
3147	3157	10	fine sand & shells
3157	3167	10	fine sand & shells
3167	3177	10	fine sand & shells
3177	3187	10	fine sand & shells
3187	3197	10	fine sand & shells
3197	3207	10	fine sand & shells
3207	3217	10	fine sand & shells
3217	3227	10	fine sand & shells
3227	3237	10	fine sand & shells
3237	3247	10	fine sand & shells
3247	3257	10	fine sand & shells
3257	3267	10	fine sand & shells
3267	3277	10	fine sand & shells
3277	3287	10	fine sand & shells
3287	3297	10	fine sand & shells
3297	3307	10	fine sand & shells
3307	3317	10	fine sand & shells
3317	3327	10	fine sand & shells
3327	3337	10	fine sand & shells
3337	3347	10	fine sand & shells
3347	3357	10	fine sand & shells
3357	3367	10	fine sand & shells
3367	3377	10	fine sand & shells
3377	3387	10	fine sand & shells
3387	3397	10	fine sand & shells
3397	3407	10	fine sand & shells
3407	3417	10	fine sand & shells
3417	3427	10	fine sand & shells
3427	3437	10	fine sand & shells
3437	3447	10	fine sand & shells
3447	3457	10	fine sand & shells
3457	3467	10	fine sand & shells
3467</			