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LEASE OR PERMIT TO PROSPECT

Woolley-McIntyre

FEB 11 1946

U. S. GEOLOGICAL SURVEY

Denver, Colorado

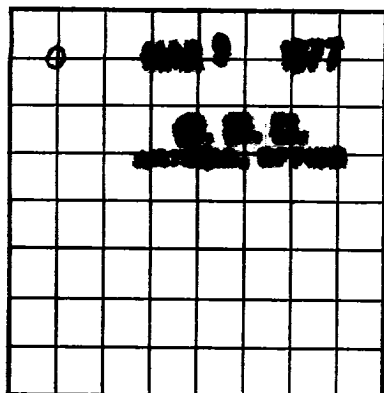
UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Supplemental

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company A. S. Woolley Address Box 368, Loco Hills
Lessor or Tract McIntyre Field Square Lake State New Mexico
Well No. 1-H Sec. 3 T. 17S R. 20E Meridian N.M.P. County Sady
Location 660 ft. (N) of N. Line and 660 ft. (E) of W. Line of 3-17-20 Elevation 3731
(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 J. S. BrierDate January 24, 1946Title Superintendent

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

Commenced drilling 27 November, 1945 Finished drilling 18 December, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 _____ to _____ 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—	
of spots	If logs or pipes were put in to test for water, state kind of water, depth, position, and results of pumping or dipping, or if the well was open to the surface, state date, position, and amount of water, and if the well was open to the surface, state date, position, and amount of water.								
.. .. .	It is of the greatest importance to have a complete history of the well. Please state in detail the dates of repairs, together with the nature of the repairs.								
HISTORY OF OIL OR GAS WELL									
						</			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 2975 feet to 3137 feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2975	2983	8	Pink lime
2983	2993	10	Ran H.S. line & corrected to 2993
2993	3001	8	Pink lime
3001	3011	10	Pink lime
3011	3023	12	Pink lime
3023	3025	2	Pink lime
3025	3027	12	Pink lime
3027	3049	12	Pink lime
3049	3058	9	Lime
3058	3067	9	Lime
3067	3079	12	Brown lime
3079	3093	14	Brown lime
			Ran H.S. line & corrected to 3090
3083	3092	9	Lime
3092	3105	13	Sandy lime
3105	3115	10	Lime
3115	3129	14	Lime
3129	3137	8	Lime
			Total depth

LEON

JC

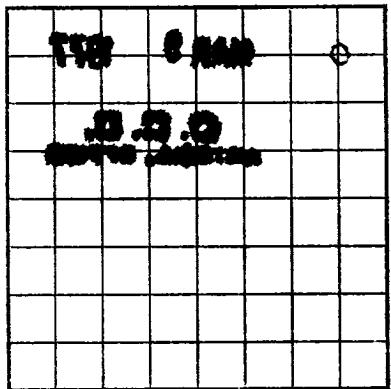
LOVE LEEL

(OVER)

LOVE LEEL

6-0745

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

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FEB 1 1946

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UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Lessor or Trust _____
Well No. _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Title _____
Date _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
1946

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Casing Size per foot	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		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 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.									
HISTORY OF OIL OR GAS WELL									
U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20540									

MUDDING AND CEMENTING RECORD

Casing Size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material _____
Adapters—Material _____
Length _____
Size _____
Depth set _____

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 _____ feet, and from _____ feet to _____ feet

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ was gas.
It gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Emulsion; _____ water; and _____ sediment.
Gravity, °Be. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Put to producing _____
1946

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2975	2985	10	pink lime
2985	2995	10	tan H. 1. line & corrected to 2985
2995	3001	6	pink lime
3001	3011	10	pink lime
3011	3025	14	pink lime
3025	3035	10	pink lime
3035	3045	10	pink lime
3045	3055	10	pink lime
3055	3065	10	pink lime
3065	3075	10	pink lime
3075	3085	10	pink lime
3085	3095	10	pink lime
3095	3105	10	pink lime
3105	3115	10	pink lime
3115	3125	10	pink lime
3125	3135	10	pink lime
3135	3145	10	pink lime
3145	3155	10	pink lime
3155	3165	10	pink lime
3165	3175	10	pink lime
3175	3185	10	pink lime
3185	3195	10	pink lime
3195	3205	10	pink lime
3205	3215	10	pink lime
3215	3225	10	pink lime
3225	3235	10	pink lime
3235	3245	10	pink lime
3245	3255	10	pink lime
3255	3265	10	pink lime
3265	3275	10	pink lime
3275	3285	10	pink lime
3285	3295	10	pink lime
3295	3305	10	pink lime
3305	3315	10	pink lime
3315	3325	10	pink lime
3325	3335	10	pink lime
3335	3345	10	pink lime
3345	3355	10	pink lime
3355	3365	10	pink lime
3365	3375	10	pink lime
3375	3385	10	pink lime
3385	3395	10	pink lime
3395	3405	10	pink lime
3405	3415	10	pink lime
3415	3425	10	pink lime
3425	3435	10	pink lime
3435	3445	10	pink lime
3445	3455	10	pink lime
3455	3465	10	pink lime
3465	3475	10	pink lime
3475	3485	10	pink lime
3485	3495	10	pink lime
3495	3505	10	pink lime
3505	3515	10	pink lime
3515	3525	10	pink lime
3525	3535	10	pink lime
3535	3545	10	pink lime
3545	3555	10	pink lime
3555	3565	10	pink lime
3565	3575	10	pink lime
3575	3585	10	pink lime
3585	3595	10	pink lime
3595	3605	10	pink lime
3605	3615	10	pink lime
3615	3625	10	pink lime
3625	3635	10	pink lime
3635	3645	10	pink lime
3645	3655	10	pink lime
3655	3665	10	pink lime
3665	3675	10	pink lime
3675	3685	10	pink lime
3685	3695	10	pink lime
3695	3705	10	pink lime
3705	3715	10	pink lime
3715	3725	10	pink lime
3725	3735	10	pink lime
3735	3745	10	pink lime
3745	3755	10	pink lime
3755	3765	10	pink lime
3765	3775	10	pink lime
3775	3785	10	pink lime
3785	3795	10	pink lime
3795	3805	10	pink lime
3805	3815	10	pink lime
3815	3825	10	pink lime
3825	3835	10	pink lime
3835	3845	10	pink lime
3845	3855	10	pink lime
3855	3865	10	pink lime
3865	3875	10	pink lime
3875	3885	10	pink lime
3885	3895	10	pink lime
3895	3905	10	pink lime
3905	3915	10	pink lime
3915	3925	10	pink lime
3925	3935	10	pink lime
3935	3945	10	pink lime
3945	3955	10	pink lime
3955	3965	10	pink lime
3965	3975	10	pink lime
3975	3985	10	pink lime
3985	3995	10	pink lime
3995	4005	10	pink lime
4005	4015	10	pink lime
4015	4025	10	pink lime
4025	4035	10	pink lime
4035	4045	10	pink lime
4045	4055	10	pink lime
4055	4065	10	pink lime
4065	4075	10	pink lime
4075	4085	10	pink lime
4085	4095	10	pink lime
4095	4105	10	pink lime
4105	4115	10	pink lime
4115	4125	10	pink lime
4125	4135	10	pink lime
4135	4145	10	pink lime
4145	4155	10	pink lime
4155	4165	10	pink lime
4165	4175	10	pink lime
4175	4185	10	pink lime
4185	4195	10	pink lime
4195	4205	10	pink lime
4205	4215	10	pink lime
4215	4225	10	pink lime
4225	4235	10	pink lime
4235	4245	10	pink lime
4245	4255	10	pink lime
4255	4265	10	pink lime
4265	4275	10	pink lime
4275	4285	10	pink lime
4285	4295	10	pink lime
4295	4305	10	pink lime
4305	4315	10	pink lime
4315	4325	10	pink lime
4325	4335	10	pink lime
4335	4345	10	pink lime
4345	4355	10	pink lime
4355	4365	10	pink lime
4365	4375	10	pink lime
4375	4385	10	pink lime
4385	4395	10	pink lime
4395	4405	10	pink lime
4405	4415	10	pink lime
4415	4425	10	pink lime
4425	4435	10	pink lime
4435	4445	10	pink lime
4445	4455	10	pink lime
4455	4465	10	pink lime
4465	4475	10	pink lime
4475	4485	10	pink lime
4485	4495	10	pink lime
4495	4505	10	pink lime
4505	4515	10	pink lime
4515	4525	10	pink lime
4525	4535	10	pink lime
4535	4545	10	pink lime
4545	4555	10	pink lime
4555	4565	10	pink lime
4565	4575	10	pink lime
4575	4585	10	pink lime
4585	4595	10	pink lime
4595	4605	10	pink lime
4605	4615	10	pink lime
4615	4625	10	pink lime
4625	4635	10	pink lime
4635	4645	10	pink lime
4645	4655	10	pink lime
4655	4665	10	pink lime
4665	4675	10	pink lime
4675	4685	10	pink lime
4685	4695	10	pink lime
4695	4705	10	pink lime
4705	4715	10	pink lime
4715	4725	10	pink lime
4725	4735	10	pink lime
4735	4745	10	pink lime
4745	4755	10	pink lime
4755	4765	10	pink lime
4765	4775	10	pink lime
4775	4785	10	pink lime
4785	4795	10	pink lime
4795	4805	10	pink lime
4805	4815	10	pink lime
4815	4825	10	pink lime
4825	4835	10	pink lime
4835	4845	10	pink lime
4845	4855	10	pink lime
4855	4865	10	pink lime
4865	4875	10	pink lime
4875	4885	10	pink lime
4885	4895	10	pink lime
4895	4905	10	pink lime
4905	4915	10	pink lime
4915	4925	10	pink lime
4925	4935	10	pink lime
4935	4945	10	pink lime
4945	4955	10	pink lime
4955	4965	10	pink lime
4965	4975	10	pink lime
4975	4985	10	pink lime
4985	4995	10	pink lime
4995	5005	10	pink lime
5005	5015	10	pink lime
5015	5025	10	pink lime
5025	5035	10	pink lime
5035	5045	10	pink lime
5045	5055	10	pink lime
5055	5065	10	pink lime
5065	5075	10	pink lime
5075	5085	10	pink lime
5085	5095	10	pink lime
5095	5105	10	pink lime
5105	5115	10	pink lime
5115	5125	10	pink lime
5125	5135	10	pink lime
5135	5145	10	pink lime
5145	5155	10	pink lime
5155	5165	10	pink lime
5165	5175	10	pink lime
5175	5185	10	pink lime
5185	5195	10	pink lime
5195	5205	10	pink lime
5205	5215	10	pink lime
5215	5225	10	pink lime
5225	5235	10	pink lime
5235	5245	10	pink lime
5245	5255	10	pink lime
5255	5265	10	pink lime
5265	5275	10	pink lime
5275	5285	10	pink lime
5285	5295	10	pink lime
5295	5305	10	pink lime
5305	5315	10	pink lime
5315	5325	10	pink lime
5325	5335	10	pink lime
5335	5345	10	pink lime
5345	5355	10	pink lime
5355	5365	10	pink lime
5365	5375	10	pink lime
5375	5385	10	pink lime
5385	5395	10	pink lime
5395	5405	10	pink lime
5405	5415	10	pink lime
5415	5425	10	pink lime
5425	5435	10	pink lime
5435	5445	10	pink lime
5445	5455	10	pink lime
5455	5465	10	pink lime
5465	5475	10	pink lime
5475	5485	10	pink lime
5485	5495	10	pink lime
5495	5505	10	pink lime
5505	5515	10	pink lime
5515	5525	10	pink lime
5525	5535	10	pink lime
5535	5545	10	pink lime
5545	5555	10	pink lime
5555	5565	10	pink lime
5565	5575	10	pink lime
5575	5585	10	pink lime
5585	5595	10	pink lime
5595	5605	10	pink lime
5605	5615	10	pink lime
5615	5625	10	pink lime
5625	5635	10	pink lime
5635	5645	10	pink lime
5645	5655	10	pink lime
5655	5665	10	pink lime
5665	5675	10	pink lime
5675	5685	10	pink lime
5685	5695	10	pink lime
5695	5705	10	pink lime
5705	5715	10	pink lime
5715	5725	10	pink lime
5725	5735	10	pink lime
5735	5745	10	pink lime
5745	5755	10	pink lime
5755	5765	10	pink lime
5765	5775	10	pink lime
5775	5785	10	pink lime
5785	5795	10	pink lime
5795	5805	10	pink lime
5805	5815	10	pink lime
5815	5825	10	pink lime
5825	5835	10	pink lime
5835	5845	10	pink lime
5845	5855	10	pink lime
5855	5865	10	pink lime
5865	5875	10	pink lime
5875	5885	10	pink lime
5885	5895	10	pink lime
5895	5905	10	pink lime
5905	5915	10	pink lime
5915	5925	10	pink lime
5925	5935	10	pink lime
5935	5945	10	pink lime
5945	5955	10	pink lime
5955	5965	10	pink lime
5965	5975	10	pink lime
5975	5985	10	pink lime
5985	5995	10	pink lime
5995	6005	10	pink lime
6005	6015	10	pink lime
6015	6025	10	pink lime
6025	6035	10	pink lime
6035	6045	10	pink lime
6045	6055	10	pink lime
6055	6065	10	pink lime
6065	6075	10	pink lime
6075	6085	10	pink lime
6085	6095	10	pink lime
6095	6105	10	pink lime
6105	6115	10	pink lime
6115	6125	10	pink lime
6125	6135	10	pink lime
6135	6145	10	pink lime
6145	6155	10	pink lime
6155	6165	10	pink lime
6165	6175	10	pink lime
6175	6185	10	pink lime
6185	6195	10	pink lime
6195	6205	10	pink lime
6205	6215	10	pink lime
6215	6225	10	pink lime
6225	6235	10	pink lime
6235	6245	10	pink lime
6245	6255	10	pink lime
6255	6265	10	pink lime
6265	6275	10	pink lime
6275	6285	10	pink lime
6285	6295	10	pink lime
6295	6305	10	pink lime
6305	6315	10	pink lime
6315	6325	10	pink lime
6325	6335	10	pink lime
6335	6345	10	pink lime
6345	6355	10	pink lime
6355	6365	10	pink lime
6365	6375	10	pink lime
6375	6385	10	pink lime
6385	6395	10	pink lime
6395	6405	10	