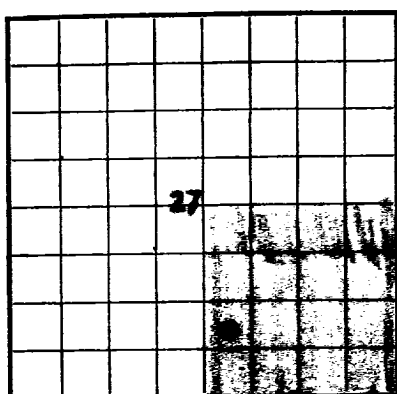
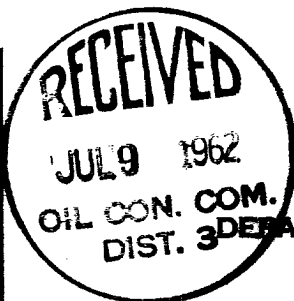




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 6961**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company **Sher-Alan Oil Company** Address **1402 Denver U. S. National Center**
Lessor or Tract **Buff-Government** Field **San Lindirish** State **New Mexico**
Well No. **2** Sec. **27** T. **24N** R. **14W** Meridian **NM 6961** County **Rio Arriba**
Location **790** ft. **N** of **S** Line and **1825** **E** of **E** Line of **Section 27** Elevation **7305**

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 **Richard S. Hunt** Title **Mgr. of Lands & Exploration**Date **July 22 1962**

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

Commenced drilling **12-13-61**, 19____ Finished drilling **12-61**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2994'** to **3016' (g)** 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—	
8 5/8"	93	60	Phillips	3035					
4 1/2"	3025	75							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	93'	60	Phillips		
4 1/2"	3025'	75			

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 **3035** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 **2344 MCF/d** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **8.55**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller**Farmington, New Mexico**

FORMATION RECORD

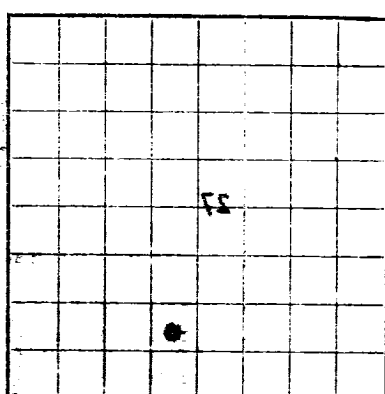
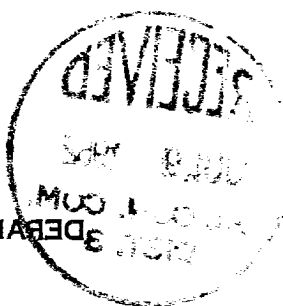
FROM—	TO—	TOTAL FEET	FORMATION
2808	2875		Ojo Alamo
2876	2917		Kittland
2918	2995		Fruitland
2996	3016		Pictured Cliffs
KIT			
3017	3035 TD		Lewis Shale
			Test charts attached. Frac treated down casing with 30,000# sand and 30,000 gallons water.
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

16-53004-4

U.S. LAND OFFICE
MIN 03451
Serial Number
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Star-Alan Oil Company Address 1405 Denver U. S. National Center
Lessor or Tract Deft-Governor Field 20. Lincoln State New Mexico
Well No. 5 Sec. 22 T. 24 N. 10 W. Meridian County Lincoln
Location 500 ft. N. of 2. line and 1000 ft. E. of 1. line of Section 27 Elevation 7354
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 Richard S. Hunt Title Mgr. of Lands & Exploration Date July 25 1935

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

Commenced drilling 12-12-31 Finished drilling 12-31 1935

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2000 to 2010 (G)
No. 2, from 2010 to 2015
No. 3, from 2015 to 2016

IMPORTANT WATER SANDS

No. 1, from 2010 to 2015
No. 2, from 2015 to 2016

CASING RECORD

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Fastened	Purposes
							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 reasons for the work and its results. If there were any changes made in the casing, record them, and state the reasons therefor. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.								

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Water set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-218	3025	60	Hydrator		
5-219	3025	60			

PLUGS AND ADAPTERS

Heaving plug—Material 4 1/2 in. x 4 1/2 in. x 4 1/2 in.
Adapters—Material 4 1/2 in. x 4 1/2 in. x 4 1/2 in.

SHOOTING RECORD

Shot	Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

Rotary tools were used from 2000 feet to 2010 feet and from 2010 feet to 2015 feet
Cable tools were used from 2010 feet to 2015 feet and from 2015 feet to 2016 feet

DATES

The production for the first 24 hours was 10 barrels of fluid of which 10 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.
If gas well, cu. ft. per 24 hours 0
Rock pressure, lbs. per sq. in. 0
Gallons gasoline per 1,000 cu. ft. of gas 0
Gravity, $^{\circ}$ Bé. 0
Put to producing 10

EMPLOYEES

Driller Driller
Driller Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3015	3025.75		Lewis Shale
3026	3030		Flinted Shale
3030	3035		Flinted Shale
3035	3040		Flinted Shale
3040	3045		Flinted Shale
3045	3050		Flinted Shale
3050	3055		Flinted Shale
3055	3060		Flinted Shale
3060	3065		Flinted Shale
3065	3070		Flinted Shale
3070	3075		Flinted Shale
3075	3080		Flinted Shale
3080	3085		Flinted Shale
3085	3090		Flinted Shale
3090	3095		Flinted Shale
3095	3100		Flinted Shale
3100	3105		Flinted Shale
3105	3110		Flinted Shale
3110	3115		Flinted Shale
3115	3120		Flinted Shale
3120	3125		Flinted Shale
3125	3130		Flinted Shale
3130	3135		Flinted Shale
3135	3140		Flinted Shale
3140	3145		Flinted Shale
3145	3150		Flinted Shale
3150	3155		Flinted Shale
3155	3160		Flinted Shale
3160	3165		Flinted Shale
3165	3170		Flinted Shale
3170	3175		Flinted Shale
3175	3180		Flinted Shale
3180	3185		Flinted Shale
3185	3190		Flinted Shale
3190	3195		Flinted Shale
3195	3200		Flinted Shale
3200	3205		Flinted Shale
3205	3210		Flinted Shale
3210	3215		Flinted Shale
3215	3220		Flinted Shale
3220	3225		Flinted Shale
3225	3230		Flinted Shale
3230	3235		Flinted Shale
3235	3240		Flinted Shale
3240	3245		Flinted Shale
3245	3250		Flinted Shale
3250	3255		Flinted Shale
3255	3260		Flinted Shale
3260	3265		Flinted Shale
3265	3270		Flinted Shale
3270	3275		Flinted Shale
3275	3280		Flinted Shale
3280	3285		Flinted Shale
3285	3290		Flinted Shale
3290	3295		Flinted Shale
3295	3300		Flinted Shale
3300	3305		Flinted Shale
3305	3310		Flinted Shale
3310	3315		Flinted Shale
3315	3320		Flinted Shale
3320	3325		Flinted Shale
3325	3330		Flinted Shale
3330	3335		Flinted Shale
3335	3340		Flinted Shale
3340	3345		Flinted Shale
3345	3350		Flinted Shale
3350	3355		Flinted Shale
3355	3360		Flinted Shale
3360	3365		Flinted Shale
3365	3370		Flinted Shale
3370	3375		Flinted Shale
3375	3380		Flinted Shale
3380	3385		Flinted Shale
3385	3390		Flinted Shale
3390	3395		Flinted Shale
3395	3400		Flinted Shale
3400	3405		Flinted Shale
3405	3410		Flinted Shale
3410	3415		Flinted Shale
3415	3420		Flinted Shale
3420	3425		Flinted Shale
3425	3430		Flinted Shale
3430	3435		Flinted Shale
3435	3440		Flinted Shale
3440	3445		Flinted Shale
3445	3450		Flinted Shale
3450	3455		Flinted Shale
3455	3460		Flinted Shale
3460	3465		Flinted Shale
3465	3470		Flinted Shale
3470	3475		Flinted Shale
3475	3480		Flinted Shale
3480	3485		Flinted Shale
3485	3490		Flinted Shale
3490	3495		Flinted Shale
3495	3500		Flinted Shale
3500	3505		Flinted Shale
3505	3510		Flinted Shale
3510	3515		Flinted Shale
3515	3520		Flinted Shale
3520	3525		Flinted Shale
3525	3530		Flinted Shale
3530	3535		Flinted Shale
3535	3540		Flinted Shale
3540	3545		Flinted Shale
3545	3550		Flinted Shale
3550	3555		Flinted Shale
3555	3560		Flinted Shale
3560	3565		Flinted Shale
3565	3570		Flinted Shale
3570	3575		Flinted Shale
3575	3580		Flinted Shale
3580	3585		Flinted Shale
3585	3590		Flinted Shale
3590	3595		Flinted Shale
3595	3600		Flinted Shale
3600	3605		Flinted Shale
3605	3610		Flinted Shale
3610	3615		Flinted Shale
3615	3620		Flinted Shale
3620	3625		Flinted Shale
3625	3630		Flinted Shale
3630	3635		Flinted Shale
3635	3640		Flinted Shale
3640	3645		Flinted Shale
3645	3650		Flinted Shale
3650	3655		Flinted Shale
3655	3660		Flinted Shale
3660	3665		Flinted Shale
3665	3670		Flinted Shale
3670	3675		Flinted Shale
3675	3680		Flinted Shale
3680	3685		Flinted Shale
3685	3690		Flinted Shale
3690	3695		Flinted Shale
3695	3700		Flinted Shale
3700	3705		Flinted Shale
3705	3710		Flinted Shale
3710	3715		Flinted Shale
3715	3720		Flinted Shale
3720	3725		Flinted Shale
3725	3730		Flinted Shale
3730	3735		Flinted Shale
3735	3740		Flinted Shale
3740	3745		Flinted Shale
3745	3750		Flinted Shale
3750	3755		Flinted Shale
3755	3760		Flinted Shale
3760	3765		Flinted Shale
3765	3770		Flinted Shale
3770	3775		Flinted Shale
3775	3780		Flinted Shale
3780	3785		Flinted Shale
3785	3790		Flinted Shale
3790	3795		Flinted Shale
3795	3800		Flinted Shale
3800	3805		Flinted Shale
3805	3810		Flinted Shale
3810	3815		Flinted Shale
3815	3820		Flinted Shale
3820	3825		Flinted Shale
3825	3830		Flinted Shale
3830	3835		Flinted Shale
3835	3840		Flinted Shale
3840	3845		Flinted Shale
3845	3850		Flinted Shale
3850	3855		Flinted Shale
3855	3860		Flinted Shale
3860	3865		Flinted Shale
3865	3870		Flinted Shale
3870	3875		Flinted Shale
3875	3880		Flinted Shale
3880	3885		Flinted Shale
3885	3890		Flinted Shale
3890	3895		Flinted Shale
3895	3900		Flinted Shale
3900	3905		Flinted Shale
3905	3910		Flinted Shale
3910	3915		Flinted Shale
3915	3920		Flinted Shale
3920	3925		Flinted Shale
3925	3930		Flinted Shale
3930	3935		Flinted Shale
3935	3940		Flinted Shale
3940	3945		Flinted Shale
3945	3950		Flinted Shale
3950	3955		Flinted Shale
3955	3960		Flinted Shale
3960	3965		Flinted Shale
3965	3970		Flinted Shale
3970	3975		Flinted Shale
3975	3980		Flinted Shale
3980	3985		Flinted Shale
3985	3990		Flinted Shale
3990	3995		Flinted Shale
3995	4000		Flinted Shale

FORMATION RECORD—Continued