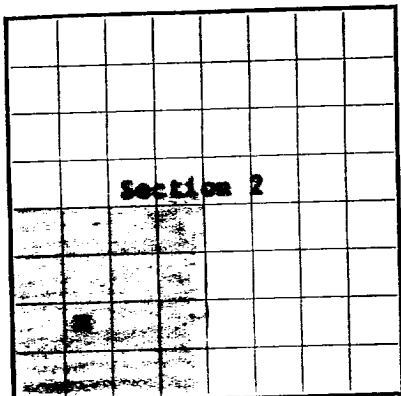
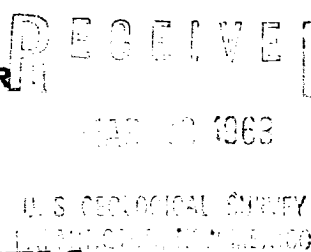


U. S. LAND OFFICE **Dulce, New Mexico**
SERIAL NUMBER **Hearilla No. 156**
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Sher-Alan Oil Company** Address **1402 Denver U. S. National Center**
Lessor or Tract **Hearilla "B" No. 156** Field **Undesignated PC** State **New Mexico**
Well No. **3** Sec. **2E** T. **23N** R. **2W** Meridian **NMPM** County **Rio Arriba**
Location **810** ft. **N** of **S** Line and **845** ft. **E** of **W** Line of **8 1/4** Elevation **7281.3**
(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 **RICHARD S. MONT** ORIGINAL SIGNED BY **Richard S. Mont**
Date **March 11, 1963** Title **Mgr. of Lands & Explorations**

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

Commenced drilling **10-24-62**, 19____ Finished drilling **10-28-62**, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3042** to **3049 (g)** No. 4, from _____ to _____
No. 2, from **3064** to **3082 (g)** No. 5, from _____ to _____
No. 3, from **3097** to **3102 (g)** 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"	26.0	4	CS	3042-3049	Ball	3042-3049	3042-3049	3042-3049	Oil
4 1/2"	17.5	4	CS	3049-3064	Ball	3049-3064	3049-3064	3049-3064	Oil
1 7/8"	11.0	4	CS	3064-3097	Ball	3064-3097	3064-3097	3064-3097	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	94'	60	Halliburton		
4 1/2"	3183'	100	"		

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 **3200'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ 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 **3148 MCF/d** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **922** **3 hr Back Pressure test**

EMPLOYEES

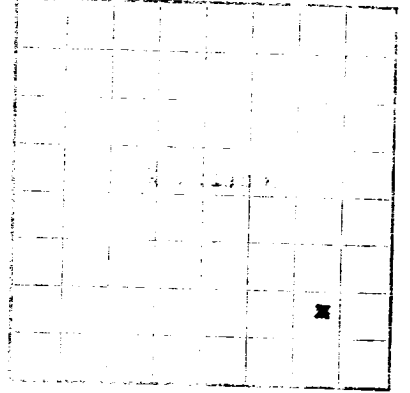
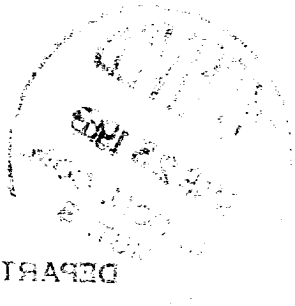
Layco Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
2700	2870		Ojo Alamo
2870	2985		Kirtland
2985	3040		Fruitland
3040	X		Pictured Cliffs

Subject well sand-fraced with 35,9000 gallon water and 30,000# sand.
Breakdown pressure 750#.
Treatment pressure 1700-2000#.
Injection rate 38.8 BPM
5 minute shut-in pressure 300#.

3 hr back pressure test run 3-2-63
Charts attached.



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Name: ... Location: ... The information given herein is a complete and correct record of the well and all work done thereon so far as the same has been known to the operator.

The primary purpose of this log is to give a true and accurate record of the well as it stands at the time of the logging. It should be kept up to date as the work progresses.

OIL OR GAS BANDS OR ZONES

No. 1 from ... No. 2 from ... No. 3 from ... No. 4 from ...

LABORANT WATER BANDS

No. 1 from ... No. 2 from ... No. 3 from ...

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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.

HISTORY OF OIL OR GAS WELL

Table with multiple columns for recording well data, including sections for 'FORMATION RECORD' and 'TOTAL FEET'. The table contains a grid for logging data and is oriented vertically on the page.

FORMATION

TOTAL FEET

TO

FROM

FORMATION RECORD - Continued