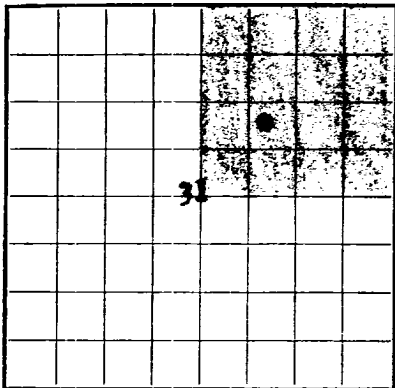


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SP 079352-A**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sher-Alan Oil Company Address 1402 U.S. National Center, Denver, Colo.
Lessor or Tract Merutz-Federal Field Undesignated State New Mexico
Well No. 3 Sec. 31 T24N R. 1W Meridian NMPM County Rio Arriba
Location 1650 ft. N. of A Line and 1550 ft. E. of 1 Line of NE/4 Elevation 7500
(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. Hunt
Richard S. Hunt

Date October 31, 1961 Title Mr., Lands and Exploration
Box 1428, Durango, Colorado

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

Commenced drilling 8-29-61, 1961 Finished drilling 9-6-61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3238 to 3248 No. 4, from _____
 No. 2, from _____ to _____ No. 5, from _____
 No. 3, from _____ to _____ No. 6, from _____

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 APR 9 1962

IMPORTANT WATER SANDS

No. 1, from 2920 to 3104 No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	10'	75	Haliburton		
4 1/2	3275	125	Haliburton		

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 221 feet, and from _____ feet to _____ feet

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

DATES

DATES	
October 17 1961	Put to producing but in no pipeline 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

Hydro Drilling Company	Driller		Driller
Farmington, New Mexico	Driller		Driller

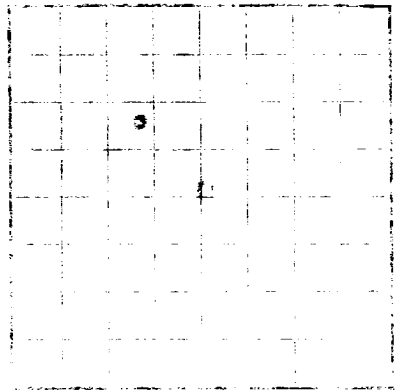
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Ojo Alamo	2922		
Kirtland	3104		
Fruitland	3145		
Pictured Cliff	3234		
Louis	3244		
			Subject well perforated 3236-3244, with 40 holes. Fraced with 33,990 gallons water - 30,000# sand. Ran 3 hour back pressure test 10-17-61. Tested 1976 MCFD. Ran 1" tubing to 3245'. Well shut-in, no pipelines.
			2 Prints of Electric log mailed under separate cover.

2 Prints of electric log mailed under separate cover.

1. The first of these is the fact that the
2. second of these is the fact that the
3. third of these is the fact that the
4. fourth of these is the fact that the
5. fifth of these is the fact that the
6. sixth of these is the fact that the
7. seventh of these is the fact that the
8. eighth of these is the fact that the
9. ninth of these is the fact that the
10. tenth of these is the fact that the

LEWY SAD GO TWO TO DO.

[illegible]

RECEIVED
OIL COMPANY
8 1961

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 "added back", or left in the well, give the 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			FORMATION RECORD FORMATION
			EMPLOYER DIFFER
			TOOL LOG TOOL LOG
			SHOOTING RECORD SHOOTING RECORD
			PLUG AND ABANDON PLUG AND ABANDON
			MUD LOG MUD LOG