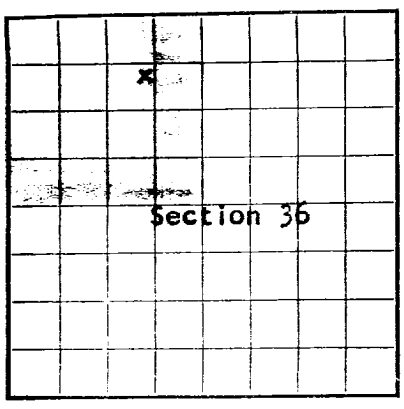
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 0101694
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
JAN 29 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
1963

LOG OF OIL OR GAS WELL

Company Shar-Alan Oil Company Address 1402 Denver U. S. National Center

Lessor or Tract Melik-Federal NM 0101694 Field So Blanco PC State New Mexico

Well No. 3 Sec. 36 T. 24N R. 2W Meridian NMPM County Rio Arriba

Location 790 ft. [XXXX N. / S.] of ... Line and 1850 ft. [E. / XXXX W.] of W Line of NW/4 Elevation 7465
(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 [signature]

Date January 23, 1963 Title Mgr. of Lands & Explorations

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

Commenced drilling 9-5-62, 19.... Finished drilling 9-9-62, 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3147 to 3165 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 From—	Perforated To—	Purpose
8 5/8"	24#	8V	CF	102'			3147	3165	Prod.
4 1/2"	9.5#	8V	CF	3192'					
1" tbg	2.05	8V	CF	3150'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	102'	60	Halliburton		
4 1/2"	3192½	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 3195 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 1655 Gallons gasoline per 1,000 cu. ft. of gas ...

Rock pressure, lbs. per sq. in. 664 Shut-in 8 days

EMPLOYEES

Rayco Drilling Company, Driller ..., Driller

..., Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	2900		Ojo Alamo
2901	2998		Kirtland
2999	3100		Fruitland
3101	3165		Pictured Cliffs

Subject well sand-fraced 10-5-62 with 30,000# sand and 30,000 gallons of water Breakdown pressure 800#. Treating pressure 1300-1600#. Injection rate 52.5 BPM.

3 hr Back Pressure Test run 12-26-62
Charts attached.

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

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.