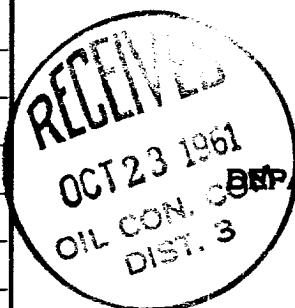
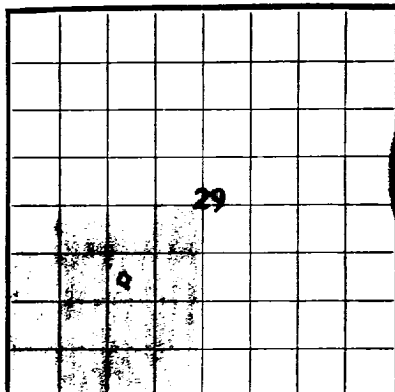


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079352-A
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shar-Alan Oil Company Address 1402 Denver U.S. National Center
Denver 2, Colorado
Lessor or Tract Harrington-Federal Field Undesignated State New Mexico
Well No. 6 Sec. 29 T. 24N. R. 1W Meridian NMPM County Rio Arriba
Location 1850 ft. (N.) of S. Line and 1650 ft. (E.) of W. Line of SW/4 Elevation 7564 ft.

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., Lands and Exploration**

Date **October 3, 1961**

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

Commenced drilling May 8,-----, 19 61 Finished drilling May 17,-----, 19 61

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

No. 1, from 3314 to 3324 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 2952 to 3210 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"	103'	75	Halliburton		
4 1/2"	3384'	75	Halliburton		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to 3403' feet, and from _____ feet to _____ feet.

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

DATES

September 7, 1961 Put to producing Shut-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

Rayco Drilling Company	, Driller	_____	, Driller
Farwington, New Mexico	, Driller	_____	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Ojo Alamo Kirtland Fruitland Pictured Cliffs Pictured Cliffs Pay Lewis	2952' 3210' 3260' 3310' 3324'	3314-3324'	Subject well perforated 6-21-61, 3314-24 with 40 holes. Fraced with 30,000# sand, 39,102 gallons water. Breakdown pressure 1500#. Treatment pressure 1700-1800# PSI. Injection rate 41 BPH. Ran 1" tubing 3320'. Took 3 hour back pressure test September 7, 1961. 4801 MCFD. Well shut-in, no pipeline.
	2 Prints of Electric Log mailed under separate cover.		

Company _____
Location _____
The information given above is a rough sketch and correct record of the well and all work done thereon so far as can be determined from the field notes and records.

Date _____
The name of this log is _____
Commenced drilling _____
OIL OR GAS SANDS OR ZONES _____
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS _____
No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD				
Size of casing	Weight per foot	Length	Amount	Kind of steel
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 substituted or left in the well, give its size and location. If the well has been dynamited, give date, position, and results of pumping or bailing. of shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.				
From _____	_____	_____	_____	_____
Purpose _____				

MUDDING AND CEMENTING RECORD				
Size of casing	Weight per foot	Length	Amount	Kind of steel
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Purpose _____				
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Purpose _____				
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From _____	_____	_____	_____	_____
Purpose _____				
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Purpose _____				
DATES				
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From _____	_____	_____	_____	_____
Purpose _____				
EMPLOYEES				
Size of casing	Weight per foot	Length	Amount	Kind of steel
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From _____	_____	_____	_____	_____
Purpose _____				
FORMATION RECORD				
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From _____	_____	_____	_____	_____
Purpose _____				