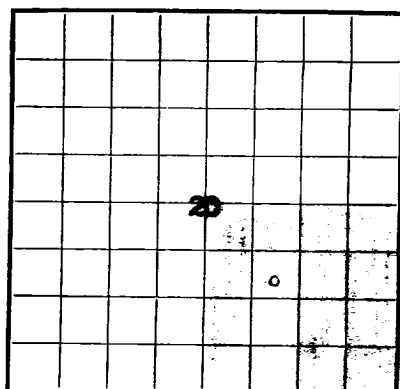




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 000715-A
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shur-Alan Oil Company Address 1402 Denver U.S. National Center
Lessor or Tract Abraham Federal Field Undesignated State New Mexico
Well No. 8 Sec. 20 T. 24N R. 1W Meridian NMPM County Rio Arriba
Location 1450 ft. N of S Line and 1770 ft. E of E Line of SE/4 Elevation 7579
(Derrick floor relative to ground 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 _____

Date October 3, 1961 Title Richard S. Hunt
Mgr., Lands and Exploration

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

Commenced drilling May 21, 1961, 19____ Finished drilling May 26, 1961OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 3410' to 3430' 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 3032' to 3282' 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	26.5	8	Haliburton	3400'					
4 1/2	14.5	8	Haliburton	3400'					
1"	2.5	8	Haliburton	3400'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	93'	50	Haliburton		
4 1/2	3447'	75	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 3450 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 26, 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
Farmington, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Kirtland	3282'		Perforated subject well 7-15-61, with 40 holes, 3410-30'. Fraced with 16,000# sand, 30,000 gallons water. Breakdown pressure 1900#. Treatment pressure 1800# PSI. Injection rate 38 BPM. Well went on vacuum. Ran 1" tubing to 3400'. Ran 3 hour back pressure test August 26, 1961. Tested 5253 MCFD. Well shut in, no pipeline.
Fruitland	3362'		
Pictured Cliffs	3402'		
Lewis	3432'		
2 Prints of Electric Log mailed under separate cover.			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A 10x10 grid with a small circle at (4, 5) and a small dot at (3, 3).

LOCATE WELL: CORRECTLY

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

Date: December 3, 1967

Drilled This Well

Drilled and Exploded

[illegible]

OUT OR GAS SANDS OR ZONES

(F) ind 2009 (G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

IMPORTANT WATER SAVING

to No. 1, from
to No. 2, from
to No. 3, from
to No. 4, from
to No. 5, from
to No. 6, from
to No. 7, from
to No. 8, from
to No. 9, from
to No. 10, from
to No. 11, from
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to No. 95, from
to No. 96, from
to No. 97, from
to No. 98, from
to No. 99, from
to No. 100, from

CASING RECORD

Casing per foot	Weight through bit	Make	Amount	Kind of shoe	It is pulled from	Perforated To	Size and dose

It is of the greatest importance to have a complete history of the work. These state in detail the prices of perforating, casing, and the reasons for the work and its results. If there were any changes made in the casing, state fully, and if casing was "side tracked" 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.

HISTORY OF OIL OR GAS WELL

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

MIDDLETOWN AND CEMENTING RECORD

Serial Number	Where Issued	Number and Date of Extension	When Expires	When Renewed	Amount Paid to Bureau
1	100	100	100	100	100

PILOTS AND ADAPTATION

Leaving Jug	Material	Length	Depth set
Adapted	Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

1991	of 1991	most has been	1991	of 1991	most has been
1991	of 1991	most has been	1991	of 1991	most has been

DATE

It was used on ft. per 24 hours	_____
Gallons gasoline per 1,000 cu. ft. of gas	_____
Gravity, °Bé.	_____
The product on for the first 24 hours was	_____
_____ % watery and _____ % sediment	_____
_____ % was oil; _____ %	_____
Put to producing _____	_____

EMPLOYEES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued