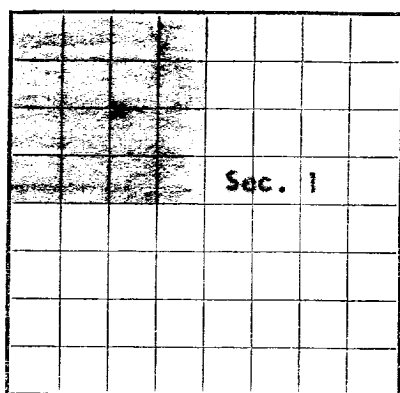


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER Jic. Lease No. 150
LEASE OR PERMIT TO PROSPECT



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
Lessor or Tract Jicarilla Lease No. 156 Field Undesignated PC State New Mexico
Well No. 4-A Sec. 1 T. 23N R. 2W Meridian NMPH County Albuquerque
Location 1650 ft. XXXN. of N. Line and 1650 ft. XXXE of 4 Line of 16 1/4 Elevation 7300

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

Date October 12, 1962 Title Mgr. of Lands & Explorations

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

Commenced drilling July 1-----, 1962 Finished drilling July 5-----, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3155 to 3167 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 casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 1/2 2.5	SV	CFI	36'						
12 1/2 3.5	SV	CFI	3217'			3133	3167	Prod.	
16 1/2 2.5	SV	CFI	3240'						
					</				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	6'	50	Halliburton		
2	3217'	125			

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 40 feet to 100 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 384

EMPLOYEES

Rayco Drilling Company _____, Driller _____, Driller

Farmington, New Mexico _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
6 p57			Subject well sand-fraced 7-30-62 with 30,000/ sand and approximately 30,000 gallons of water.
10-14-62	11-77		
10-14-62	11-77		3 hr Back Pressure test run 8-28-p62 Charts attached.

