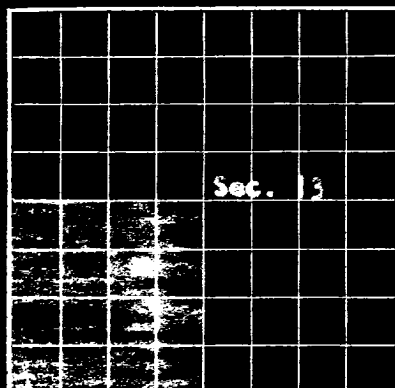


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER Jicarilla Lease No. 160
LEASE OR PERMIT TO PROSPECT 160

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sheridan Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Jicarilla Lease No. 160 Field Undesignated State New Mexico
Well No. 3-F Sec. 13 T 23N R. 2W Meridian NMPM County Albany
Location 1850 ft. N. of S Line and 1850 ft. E. of W Line of SW 4 Elevation 7312.6
(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

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 August 21, 1962 Finished drilling August 24, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3000 to 3026(6) 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		Purpose
							From—	To—	
8 2 7/8	29	8	CFI	377	gun	3000	3026	3026	3000
4 1 7/8	29	8	CFI	3003	gun	3026	3026	3026	3026
1 7/8	2.57	8	CFI	3003	gun	3026	3026	3026	3026

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 7/8	97'	60	Halliburton		
1 7/8	3075'	5			

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from -0- feet to 3170 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. 5848 MCF

EMPLOYEES

_____, Driller _____, Driller

Rayco Drilling Company, Driller _____, DrillerFarmington, New Mexico

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2997	2994' 3028		Top of Pictured Cliffs Pictured Cliffs Sand
			Subject well sand fraced 8-27-62 with 34,350 gallons of water and 30,000 sand.
			3 Hr Back Pressure test run 9-11-62 Charts attached

