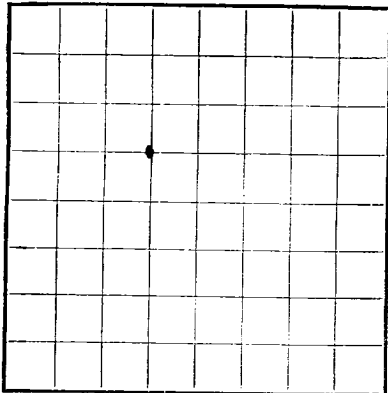
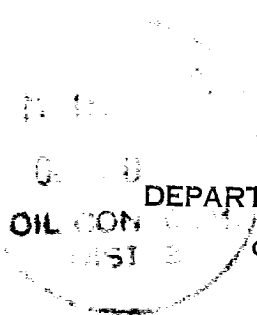




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE Santa Fe, N.M.

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

11-20-53-72

RECORDED

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20540
NEW MEXICO

LOG OF OIL OR GAS WELL

Company The Santa Fe Oil Co. Address 100, 1st St., Santa Fe, N.M.Lessor or Tract Tract (Avalon) Field Coronado State New MexicoWell No. 3 Sec. 32 T. 11N R. 16E Meridian 1 County San JuanLocation 1900 ft. N of 3 Line and 1930 ft. E of 1 Line of Section 3 Elevation 5772 ft. (Derrick floor relative to datum)

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 11-20-53 Title Asst. Supt.

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

Commenced drilling 11-20-53 19____ Finished drilling 11-20-53 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1111 to 1163 No. 4, from _____ to _____No. 2, from 123 to 1272 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—
3 5/8	28.5	8 1/2	HEWLETT	92.98'				
5 1/2	11.5	8 1/2	HEWLETT	1292.32'				
						1 1/2 in./ft.	1117	1151
							123	1272

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 5/8	101.56'	115	HEWLETT	3.7	
5 1/2	1299'	128	HEWLETT	3.7	

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 _____ feet to 1300' 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. 100If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 11.0

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1032		Section
1032	1263		Section
First fracture treatment			
Treated perforations 1235-1262' with 10,000 gallons 1-1/2% crude oil and 5000' 1-1/2% sand and 5000' 1-1/2% sand. Formation broke down 1200-500'. Maximum and minimum treating pressure 600'. Average injection rate 17 cu. ft.			
Second fracture treatment			
Treated perforations 1111-1153 with 10,000 gallons 1-1/2% crude oil and 5000' 1-1/2% sand and 5000' 1-1/2% sand. Formation broke down 2000-500'. Treating pressure 600-1200'. Final treating pressure 700'. Average injection rate 15 cu. ft.			

