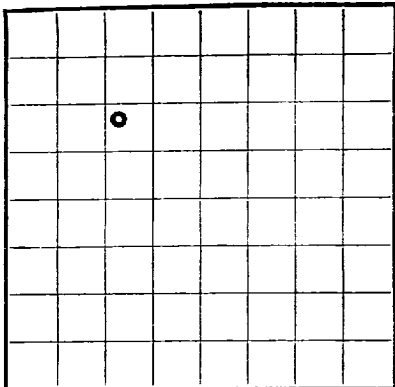


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SP-078048
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Wofford Cain Address P O Box 786, Farmington, New Mexico
Lessor or Tract Hughes Field Ballard State New Mexico
Well No. 5-30 Sec. 30 T. 26 R. 7 Meridian N.M.P.M. County Rio Arriba
Location 1850 ft. SE of N Line and 1850 ft. E of W Line of Section 30 Elevation 6314
(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 Jac C Salmon

Date September 24, 1957 Title District Superintendent

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

Commenced drilling August 20, 1957 Finished drilling August 26, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2165 to 2192 No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 5/8</u>	<u>24.7</u>	<u>8.0</u>	<u>J-35</u>	<u>94'</u>					
<u>5 1/2</u>	<u>16.7</u>	<u>8.0</u>	<u>J-35</u>	<u>2299'</u>	<u>BM100</u>		<u>2165</u>	<u>2192</u>	
<u>1"</u>	<u>1.74</u>	<u>10.75</u>	<u>API</u>	<u>2207'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>102'</u>	<u>80</u>			
<u>5 1/2</u>	<u>2290'</u>	<u>100</u>			
<u>1"</u>	<u>2216</u>				

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
<u>8 5/8</u>	<u>Sand-water frac</u>	<u>with 58,800 gallons water and 50,000 lbs. sand,</u>	<u>Injection Rate</u>			
<u>60.5 bps.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 2300 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 9, 1957 Put to producing Not Connected, 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 NOF 1079 NSF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 761 lbs.

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>128</u>	<u>128</u>	<u>Sand and Shale</u>
<u>128</u>	<u>1067</u>	<u>939</u>	<u>Sand and Shale</u>
<u>1067</u>	<u>1570</u>	<u>503</u>	<u>Shale</u>
<u>1570</u>	<u>1879</u>	<u>309</u>	<u>Sand and Shale</u>
<u>1879</u>	<u>2250</u>	<u>371</u>	<u>Sand, Shale, Pictured Cliffs Sand</u>
<u>2250</u>	<u>2300</u>	<u>50</u>	<u>Sand, Shale, Pictured Cliffs Sand</u>
			<u>Schlumberger Top:</u>
			<u>Pictured Cliffs - 2161</u>

