



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TERIOR
NOV 8 1957
U. S. GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Wofford Cain Address P O Box 786, Farmington, New Mexico
 Lessor or Tract Hughes Field Ballard P.C. State New Mexico
 Well No. 4-30 Sec. 30 T. 26 R. 7 Meridian N.M.P.M. County Rio Arriba
 Location 1500 ft. ^[N.] of S Line and 1810 ft. ^[W.] of E Line of Section 30 Elevation 6341

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 Joe C. Salmon

Date November 6, 1957 Title Representative

The summary on this page is for the condition of the well at above date. ~~for~~ **Wofford Cain**

Commenced drilling: August 14, 1957 Finished drilling August 21, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2187 to 2211 No. 4, from _____ to _____
 No. 2, from 2260 to 2282 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 5/8	24	8rd	J-55	96'			(2187-2211)		
5 1/2	14	8rd	J-55	2317'			(2187-2211)		
2"	2.7	10rd							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	105	90			
5 1/2	2326	100			
1"	2216				

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 2329 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

DATES Tested
 September 27, 1957. Participating October 11, 1957.

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 ~~400-600~~----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. **725**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	115	115	Sand and Shale
115	891	776	Sand and Shale
891	1232	341	Sand and Shale
1232	1260	28	Shale
1260	1660	400	Sand and Shale
1660	1840	180	Sandstone and Shale
1840	2255	415	Shale, Sand, Coal and Pictured Cliffs Sand
2255	2329	74	Sand and Shale
			Schlusberger Top:
			Pictured Cliffs: 2182

[OVER]

18-43094-4

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD-Continued			
FORMATION RECORD			
EMPLOYERS			
GALTON RESERVES AND ILLINOIS			
ENTER			
TOOLS USED			
SHOOTING RECORD			
ADAPTERS-Various			
Elevation dig			
FINDS AND ADAPTERS			
INDUING AND OPERATING RECORD			

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, 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.

CASING RECORD

8-28-57: IN 2329. RAB 2266. Perforated 2187-2211. Sand water frac with 39,600 gallons water 12,000 gallons flush 50,000# sand. Run 1" tubing. Plug-in for gauge. Tested well 9-13-57 - SICR 119, RAB 202, NOV 6 - Volume through 3/4" choke 202 MZ, NOV 202. 9-21-57: Re-entered well. Pulled casing - cleaned out to 2308 Perforated 2260-2280. Sand-water frac with 40,596 gallons water 36,000# sand. Upper perforations, 2187-2211, treated at 1300#. Dropped 75 rubber balls - pressure rose to 2700#. Broke to 1400#. Dropped 90 galitons water or pressure rose to 2400#. Then dropped to 1500#. Standing pressure on well after frac 100#. Be-run 1" tubing. Plug-in for gauge. Re-tested 10-11-57 5711 and SICR 1251 - Volume through 3/4" choke 698 - RAB 464, 5711 - NOV 695 MZ.

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UNITED STATES

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION
NAME OF WELL
LAND OWNERS
APPROXIMATE LOCATION