

Santa Fe, New Mexico

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

W. O. Hughes

(Company or Operator)

(Large)

Well No. 1A, in SW 1/4 of SE 1/4, of Sec. 7, T. 24N, R. 3E, NMPM.

South Flanco Pictured Cliffs.....Pool, **Rio Arriba**.....County.

Well is 990 feet from South line and 1610 feet from East line

of Section 7 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced October 8, 1957 Drilling was Completed October 15, 1957

Name of Drilling Contractor..... **George W. Riley, Inc.**

Address Box 826, Odessa, Texas

Elevation above sea level at Top of Tubing Head.....6842..... The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 3002 to 3013 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from base to feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	29#	Used	260'				Surface String
5-1/2"	14#	New	3140'			3002-18 3037-43	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	260'	150	Pump & Plug		
7-7/8"	5-1/2"	3140'	150	" " "		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

..(SEE ATTACHMENT)..

Result of Production Stimulation.

Depth Cleaned Out



RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0' feet to 3140' feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing & shut-in 11-4, 1957

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity.

GAS WELL: The production during the first 24 hours was 835 M.C.F. plus - barrels of
liquid Hydrocarbon. Shut in Pressure 2200 lbs.

Length of Time Shut in 7 days

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.			T. Devonian.		T. Ojo Alamo. 2500
T. Salt.			T. Silurian.		T. Kirtland-Fruitland 2600
B. Salt.			T. Montoya.		T. Farmington.
T. Yates.			T. Simpson.		T. Pictured Cliffs. 2982
T. 7 Rivers.			T. McKee.		T. McKen Lewis 3043
T. Queen.			T. Ellenburger.		T. Point Lookout.
T. Grayburg.			T. Gr. Wash.		T. Mancos.
T. San Andres.			T. Granite.		T. Dakota.
T. Glorieta.			T.		T. Morrison.
T. Drinkard.			T.		T. Penn.
T. Tubbs.			T.		T.
T. Abo.			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1767	1767	Sand & Shale				
1767	2490	723	Shale				
2490	2890	400	Sand & Shale				
2890	3070	180	Shale				
3070	3140	70	Shale & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

November 7, 1957

(Date)

Company or Operator Magnolia Petroleum Company

Address Box 2406, Hobbs, New Mexico

Name *W. H. Hughes*

Position or Title District Superintendent of Production

SPERRY SUN DEVIATION SURVEY

<u>Depth</u>	<u>Degrees off Vertical</u>
100	3/4
1615	3/4
2000	3/4
2700	3/4
3090	3/4

DRILL STEM TESTS

NONE

CONE RECORD

NONE

ACIDIZING OR OTHER COMPLETION OPERATIONS

10-19-57 Dowell, Inc. sand water free perforations 3002-18, 3037-43 w/22,000 gals. water + 20,000# sand. Break formation @ 1500#. Maximum casing pressure 2200#. 5 Minute shut-in pressure 450#. Injection rate 50 BPM w/125 balls.

OIL COMPANY	
W. O. Hughes #4 A	
10-19-57	
Dowell, Inc.	
3002-18, 3037-43	
w/22,000 gals. water + 20,000# sand.	
Break formation @ 1500#.	
Maximum casing pressure 2200#.	
5 Minute shut-in pressure 450#.	
Injection rate 50 BPM	
w/125 balls.	

SPERRY SUN DEVIATION SURVEY

<u>Depth</u>	<u>Degrees off Vertical</u>
100	3/4
150	3/4
2000	3/4
2700	3/4
3090	3/4

DRILL STEM TESTS

NONE

CORE RECORD

NONE

ACIDIZING OR OTHER COMPLETION OPERATIONS

10-19-57 Dowell, Inc. acid water frac perforations 3008-18, 3021-19 w/22,000 gal. water + 20,000 sand. Broke formation @ 1500'. Maximum casing pressure 2200'. 2 Minute shut-in pressure 1504'. Inflection rate 20 bpm w/22 balls.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. of Wells	5	
Production		
Water	1	
Oil	1	
Operation Date		
State Land Office		
U. S. G. S.	2	
Transporter		
File	1	✓