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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

WELL RECORD

1959 SEP 22 PM 2:44

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

J. C. BARNES OIL COMPANY  
(Company or Operator)

WARREN DAVIS FEDERAL  
(Lease)

Well No. 1, in NW  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Sec. 19, T. 9-South, R. 37-East, NMPM.  
Undesignated Pool, Lea County.

Well is 1650 feet from South line and 1980 feet from East line  
of Section 19. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced 3-20-59, 19\_\_\_\_\_. Drilling was Completed 6-19-59, 19\_\_\_\_\_.

Name of Drilling Contractor Sharp Drilling Company Finished deepening 7-29-59;  
Address 1st Natl Bank Building, Midland, Texas Plug Back 12,263' 7-30-59

Elevation above sea level at Top of Tubing Head 1006 feet. The information given is to be kept confidential until  
notified., 19\_\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 12,244' to 12,263' Devonian 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 \_\_\_\_\_ 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
13-3/8"	48#	New	420'	Tex. Pattern			
8-5/8"	24-32#	New	4280'	Baker Float Collar & Guide Shoe			
5-1/2"	17-20#	New	12242'	Halliburton Packer Shoe			
2" EUE	4.7# tubing		12258'	OPEN HOLE	12,242'-12,263'		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	13-3/8"	420'	300	Halliburton	Natural	1100 ex Salt Water Gel
	8-5/8"	4280'	200 ex, 550	bbbs. Kem-Pack Halliburton	Natural	580 ex Starch
	5-1/2"	12242'/	75 ex 4#	Halliburton	9.3 Salt Gel	4 ex Bicarb Soda
			500 ex Neat			8 ex Santamarse

RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 500 gallons, then 1000 gallons acid, June 29, 1959. Acidized with  
2500 gallons special low tension acid July 3, 1959. Flowed 55 bbls. oil, 24 hours.  
Shot with Welox Bear Gun at 12,254 feet and 12259 feet; no result. Deepened to 12,263'  
and got salt water; plugged back at 12,263' July 30, 1959. Put on pump. Potential test  
run: 90.87 barrels of oil, no water, gravity 45.2  
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 420 feet to 12,259 feet, and from 12,259 feet to 12,287 feet.  
Cable tools were used from Surface feet to 420 feet, and from feet to feet.

## PRODUCTION

Put to Producing September 5, 1959, 19  
OIL WELL: The production during the first 24 hours was 90.87 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 45.2  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy		T. Devonian	12238'
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates		T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres	4195'	T. Granite	
T. Glorieta	5570'	T. Wood	12194'
T. Drinkard		T.	
T. Tubbs	6955'	T.	
T. Abo	7732'	T.	
T. Penn		T.	
T. Miss	11777'	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	165		Blue Shale				
165'	1175		Red Bed				
1175	2435		Anhydrite				
2435	7943		Lime				
7943	8152		Shale				
8152	10312		Lime				
10312	10542		Lime & Shale				
10542	11841		Lime, Trace of Chert				
11841	11967		Lime				
11967	12127		Lime & Chert				
12127	12194		Lime & Shale				
12194	12238		Shale				
12238	12259		Dolomite - Total Depth				
12259	12287		Deepened in Dolomite, get sulphur water				
12287	12263		Plug Back; TOTAL DEPTH				

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..

Company or Operator J. C. BARNES OIL COMPANY Address Box 505, Midland, Texas  
Name Russell J. Ramoand Position or Title President  
September 21, 1959 (Date)