

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

J. C. BARNES OIL COMPANY

HUMBLE STATE

(Company or Operator)

(Lease)

Well No. 2, in NW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 27, T. 12-S, R. 34-E, NMPM.

RANGER LAKE PENNSYLVANIAN

Pool,

LEA

County.

Well is 1980' feet from 1850' South line and 1850' feet from East lineof Section 27. If State Land the Oil and Gas Lease No. is E2490Drilling Commenced 9-13-59, 19..... Drilling was Completed 11-25-59, 19.....Name of Drilling Contractor Howard P. HolmesAddress Box 667, Hobbs, New MexicoElevation above sea level at Top of Tubing Head 4172' D.F. The information given is to be kept confidential until

RELEASED BY LETTER

OIL SANDS OR ZONES

No. 1, from 10259 to 10264 No. 4, from.....to.....No. 2, from 10278 to 10291 No. 5, from.....to.....No. 3, from 10298 to 10309 No. 6, from.....to.....

IMPORTANT WATER SANDS

NONE

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	372'	Tex. Pattern			
8-5/8"	32-24#	New	4250'	Guide Shoe			
5 1/2"	15#-17#	New	10385'	Same		10259-264'; 10278-291';	
						10298-309'.	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	13-3/8"	372'	375	Pump		50 sx Mustang gel
11"	8-5/8"	4250'	1400	Pump		5 sx Lime
7-7/8"	5 1/2"	10385'	300	Pump		531 sx Salt water gel
						115 sx Starch

RECORD OF PRODUCTION AND STIMULATION

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

Plug Back Total Depth: 10,310 feet. Perforated with four shots per foot: 10,259-264'; 10,278-291'; 10,298-309'; Acidized with 250 gallons MCA, swabbed; re-acidized with 1000 gallons MCA, swabbed; acidized with 7500 gallons HV&E Staged Acid, swabbed; installed pumping equipment. Well pumped 264 barrels oil plus 326 barrels water in 24 hours.

Result of Production Stimulation Well pumped 264 barrels oil plus 326 barrels water in 24 hours.

Depth Cleaned Out T.D. 10,310'

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 10,388 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 14, 1959

OIL WELL: The production during the first 24 hours was 590 barrels of liquid of which 45% was oil; % was emulsion; 55% % water; and % was sediment. A.P.I. Gravity 39.7

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 60 hours

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.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. 2920'	T. Montoya.	T. Farmington.
T. Yates.	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen.	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres. 4175'	T. Granite.	T. Dakota.
T. Glorieta.	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo. 7790'	T.	T.
T. Penn. 10,232'	T.	T.
T. Miss.	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1518		Red Bed				
1518	2008		Anhydrite				
2008	3965		Anhydrite, Red Rock, Gyp				
3965	5435		Lime, Dolomite				
5435	5610		Grey Lime				
5610	5820		Lime, Shale				
5820	6375		Shale, Sand, Lime				
6375	7033		Lime				
7033	7150		Sandy Lime				
7150	7750		Lime				
7750	8355		Shale, Lime Stringers				
8355	9178		Lime				
9178	10232		Lime w/Shale				
10232	10285		Lime and Dolomite				

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.

December 15, 1959

Company or Operator J. C. BARNES OIL COMPANY

Address Box 505, Midland, Texas

(Date)

Name Russell J. Ramsland

Position Title President