

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

SEP 18 1957

WELL RECORD

Oil Cons. Comm.
ARTESIA OFFICE

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

Burnham Oil Company (Company or Operator) Featherstone (Lease)

Well No. 5, in SW 1/4 of NE 1/4, of Sec. 2, T. 18-S, R. 28-E, NMPM.

Artesia Pool, Eddy County.

Well is 1650 feet from North line and 2310 feet from East line of Section 2. If State Land the Oil and Gas Lease No. is E-1285

Drilling Commenced May 18, 1957. Drilling was Completed July 3, 1957

Name of Drilling Contractor E. L. East

Address c/o Marvin Sanders 101 South 5th Artesia, New Mexico

Elevation above sea level at Top of Tubing Head NA. The information given is to be kept confidential until Not confidential, 19

OIL SANDS OR ZONES

No. 1, from to 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 295 to 305 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"	24 lb.	Used	530'		530'	None	Water Shut-off
5-1/2"	14 lb.	New	2653'	Guide		*	Oil String
** 2586-2596; 2548-2556; 2458-2466							

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10	8-5/8"	530'	Mud			
8	5-1/2"	2653'	50 Posmix	Circulate		

RECORD OF PRODUCTION AND STIMULATION

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

Fracked 2708-2720 with 10,000 lbs. sand and 10,000 gals. water, 2586-2596 with 10,000 lbs. sand and 10,000 gals. water, 2548-2556 with 10,000 lbs. sand and 10,000 gals. water, 2458-2466 with 10,000 lbs. sand and 10,000 gals. water.

Result of Production Stimulation 75 bbls. of oil 25 bbls. of water in 24 hours.

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

PRODUCTION

Put to Producing.....September 1....., 19. 57.....
OIL WELL: The production during the first 24 hours was.....100.....barrels of liquid of which.....75.....% was
was oil;.....-0-.....% was emulsion;.....25.....% water; and.....-0-.....% was sediment. A.P.I.
Gravity.....NA.....
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.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	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.....2600	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	455	455	Sand and red bed	2464	2524	60	Lime
455	505	50	Red bed and gyp	2524	2536	12	Gain
505	780	275	Anhydrite	2536	2547	11	Grey sand
780	940	160	Anhydrite and shale	2547	2557	10	Shale and lime
940	1703	763	Anhydrite	2557	2597	40	Brown lime
1703	1768	65	Red sand	2597	2614	17	Pink lime
1768	1883	115	Anhydrite	2614	2689	75	White lime
1883	1910	27	Lime	2689	2707	18	Dark grey lime
1910	1970	60	Anhydrite and sand	2707	2727	20	Black lime
1970	1980	10	Red shale	2727	2727	0	Light grey lime
1980	1995	15	Anhydrite	ARTESIA DISTRICT OFFICE No. Copies Received..... DISTRIBUTION Operator..... Santa Fe..... Production Office..... State Land Office..... U.S.C.S.....			
1995	2010	15	Lime and brown shale				
2010	2070	60	Anhydrite, sandy lime				
2070	2115	45	Anhydrite and shale				
2115	2130	15	Lime				
2130	2165	35	Anhydrite, red shale				
2165	2180	15	Lime and shale				
2180	2195	15	Anhydrite				
2195	2210	15	Anhydrite and lime				
2210	2230	20	Anhydrite and shale				
2230	2265	35	Lime and shale				
2265	2400	135	Lime				
2400	2421	21	Sand, show of oil				
2421	2455	34	Lime				
2455	2464	9	Shale				

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.

September 12, 1957

Company or Operator.....Burnham Oil Company.....
Name.....*W. Buere*.....

Address.....Box 65.....Artesia, New Mexico.....
Position or Title.....Agent.....