



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1960 MAR 9 AM 10:55
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

R. M. MORAN

(Company or Operator)

Hardin "B"

(Lease)

Well No. 4, in NE 1/4 of NW 1/4, of Sec. 18, T. 18 S, R. 38 E, NMPM.

Hobbs

Pool,

Lea

County.

Well is 990 feet from North line and 1650 feet from West line

of Section 18. If State Land the Oil and Gas Lease No. is

Drilling Commenced 12-1, 1959. Drilling was Completed 2-12, 1960

Name of Drilling Contractor Moran Oil Producing & Drilling Corp.

Address Box 1718, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3669 Est. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2960 to 3030 No. 4, from 4050 to 4130
No. 2, from 3600 to 3620 No. 5, from to
No. 3, from 3860 to 3890 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
8 5/8	28#	New	222				
4 1/2	11.6	New	4194			4087-93, 4100-06	Production
						4118-28, 4135-37	
						4144-50, 4158-62	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8 5/8	222	200 neat	P & P		
6 3/4	4 1/2	4194	250 sx 4% gel	P & P		
			150 sx neat			

RECORD OF PRODUCTION AND STIMULATION

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

Acidized 500 gals Regular Acid, Sandfraced 20,000 gals lease crude and 55,000 lbs of sand. Max Pressure 4700#. Perforated w/4 JSFF. Injection rate 15 1/2 BPM.

Result of Production Stimulation 45 BOPD 16/64" Choke

Depth Cleaned Out

ACCORD OF DRILL-STEM AND SPECIAL T.

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

PRODUCTION

Put to Producing 2-15, 1960

OIL WELL: The production during the first 24 hours was 45 barrels of liquid of which 100% was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 36°

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 1624	T. Devonian	T. Ojo Alamo	
T. Salt 1718	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 790	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3048	T. McKee	T. Menefee	
T. Queen 3585	T. Ellenburger	T. Point Lookout	
T. Grayburg 3940	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	310	310	Sand				
310	1624	1314	Red Bed				
1624	1718	94	Anhydrite				
1718	2700	982	Salt and Anhydrite				
2700	3770	1070	Alternating Anhydrite & Dolomite				
3770	4072	302	Dolomite				
4072	4194	122	Sandy 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.

March 5, 1960
Company or Operator R. M. MORAN Address Box 1718, Hobbs, New Mexico
Name R. M. Moran - R. M. Moran Operator
Position or Title