



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc. P. O. Box 660, Roswell, New Mexico
Company or Operator Address
Harbold Well No. 10 in SE1/4 of Sec. 35, T. 17-S
Lease
R. 27-E, N. M. P. M., Empire Field, Eddy County.
Well is 2310 feet south of the North line and 2970 feet west of the East line of Sec. 35
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is J. H. Harbold Address El Paso, Tex.
The Lessee is Malco Refineries, Inc. Address Roswell, N. Mex.
Drilling commenced 1 August 1947 Drilling was completed 31 August 1947
Name of drilling contractor Brewer Drilling Co. Address Artesia, New Mex.
Elevation above sea level at top of casing 3609 feet.
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 1563 to 1580 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 570 to 578 feet. slight show
No. 2, from 673 to feet. HW
No. 3, from 910 to feet. slight show
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
7"	19#	8	Nat'l	1296					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
8	7"	1296	50	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4"	50	Liquified	160	8-20-47	1560-1610	1618

Results of shooting or chemical treatment Increased production from 25 BOPD natural to 150 BOPD

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 0 feet to 1618 feet, and from feet to feet

PRODUCTION

Put to producing 31 August 1947
The production of the first 24 hours was 150 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. 38
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. L. McNallen Driller W. G. Ferris Driller
W. C. Coy Driller N. C. Pennell Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 3 Roswell, N. Mex. 3 September 1947
day of September 1947 Name Joe W. Lackey Joe W. Lackey

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	670	670	Anhydrite
670	795	125	Anhydrite & Red Sand
795	850	55	Anhydrite
850	920	70	Anhydrite & Red Sand
920	1030	110	Anhydrite
1030	1080	50	Anhydrite, Red Sand, Pink Dolomite
1080	1125	45	Anhydrite
1125	1145	20	Dolomite
1145	1215	70	Grey Sand, Red Sand, Anhydrite
1215	1245	30	Anhydrite
1245	1280	35	Red Sand, Anhydrite
1280	1315	35	Anhydrite
1315	1618	303	Buff Dolomite, Pink Dolomite, Grey Sand & Red Sand