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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Malco Refineries, Inc.

Willis H. Boyd

Well No. 2 in SE 1/4 of Sec. 14, T. 19 S

R. 25 E, N. M. P. M., Wildcat Field, Eddy County.

Well is 660 feet below of the base line and 1830 feet below of the base line of above section

If State land the oil and gas lease is No. --- Assignment No. ---

If patented land the owner is Willis H. Boyd, et al, Address Adairville, Georgia

If Government land the permittee is ---, Address ---

The Lessee is Malco Refineries, Inc., Address Box 660, Roswell, New Mexico

Drilling commenced 3/22 19 52 Drilling was completed 4/20 19 52

Name of drilling contractor A. F. Smith, Address Artesia, New Mexico

Elevation above sea level at top of casing 3442' feet.

The information given is to be kept confidential until --- 19 ---

OIL SANDS OR ZONES

No. 1, from 773' to 780' 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 70 to 75 feet. 5 1/2 bbls/H

No. 2, from 560 to 569 feet. Negligible

No. 3, from --- to --- feet. ---

No. 4, from --- to --- feet. ---

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
7"	20#	8	Int.	708'	Baker	Pulled 416'		Oil test string

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 1/2"	8 5/8"	202'	---	---	1.2	9 sacks
8"	7"	708'	15	Pump	---	---

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 1/2"	I.C.T.	Solidified Nitroglycerine	45 qts.	4/22/52	773'-80'	780'

Results of shooting or chemical treatment Well tested 250 gal. water and 6 gal. oil in 12 hrs. after shooting.

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 --- 19 ---

The production of the first 24 hours was --- barrels of fluid of which --- % was oil; --- %

emulsion: --- % water; and --- % sediment. Gravity, Be ---

If gas well, cu. ft. per 24 hours --- Gallons gasoline per 1,000 cu. ft. of gas ---

Rock pressure, lbs. per sq. in. ---

EMPLOYEES

A. F. Smith, Driller H. M. Vandegriff, Driller

J. L. McAllen, Driller ---, 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.

Roswell, New Mexico

Place Date

Name Horton VetoPosition Geological EngineerRepresenting Malco Refineries, Inc. Company or Operator.Address Box 660, Roswell, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Soil
10	50	40	Gypsum
50	85	35	Red Bed
85	95	10	Fine grained sand
95	175	80	Gypsum, anhydrite w/tr. gravel
175	185	10	Red, fine grained
185	205	20	Anhydrite and gypsum
205	210	5	Red Bed
210	290	80	Red fine grained sand
290	295	5	Gray finely xln lime
295	390	95	Red, fine grained sand, w/anhydrite
390	400	10	Gray-tan finely xln lime
400	407	7	Red fine sand
407	470	63	Gray-buff dense dolomite, w/calcite
470	475	5	Gray fine grained sand
475	620	145	Buff-pink dense dolomite
620	645	25	Red fine grained sand to siltstone
645	725	80	Gray-buff dense dolomite
725	790	65	White fine grained sand w/quartz crystals T.D. 790'