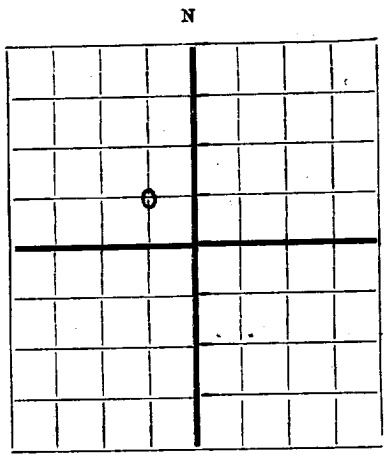
Draft

FORM C-105



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 Refinaries, Inc. (Company or Operator) P. O. Box 660, Roswell, New Mex. (Address)

Wills (Lease) Well No. 1 in NE SW Lot 14 of Sec. 4, T. 21-S

R. 24-E, N. M. P. M., Wildcat Field, Eddy County.

Well is 2970 feet north of the South line and 3630 feet west of the East line of Section 4

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 Neil H. Wills, Address Carlsbad, New Mexico

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

Drilling commenced 24 July 1947. Drilling was completed 4 November 1947

Name of drilling contractor S. P. Yates, Address Artesia, New Mexico

Elevation above sea level at top of casing 3756 feet.

The information given is to be kept confidential until Not confidential 19.....

OIL SANDS OR ZONES

No. 1, from 500' to ..... No. 4, from 2929 to 2947

No. 2, from 2076 to 2100 No. 5, from ..... to .....

No. 3, from 2706 to 2719 & G 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 190 to 206 feet. .....

No. 2, from 360 to 370 feet. .....

No. 3, from 388 to 394 feet. .....

No. 4, from 1305 HFW to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8 5/8	28#	8	Nat'l	465					Water

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10 5/8	8 5/8	465	25	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

Results of shooting or chemical treatment .....

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 1220 feet to 3940 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

J. D. Bradshaw, Driller L. E. Keith, Driller

C. V. Miller, 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.

Subscribed and sworn to before me this 20th day of November, 1947

William B. McCombs Jr.
Notary Public

My Commission expires April 22, 1950

Roswell, New Mexico (Place) November 20, 1947 (Date)

Name Donald B. Anderson

Position Production Manager

Representing Malco Refineries, Inc. (Company or Operator)

Address P. O. Box 660, Roswell, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1220	1247	27	Buff f.x. dolomite, some porosity
1247	1285	38	Buff f.x. dolomite, porosity, oil & water stain
1285	1305	20	Buff dolomite, some porosity
1305	1318	13	Tan dolomite, yellow sulphur crystals (HFW)
1318	1435	117	Buff & tan f.x. dolomite, anhydrite inclusions
1435	1520	85	Buff f.x. dolomite, anhydrite inclusions
1520	1593	73	Buff c.x. dolomite
1593	1710	117	Buff & tan f.x. dolomite
1710	1765	55	Grey f.x. dolomite & chert
1765	1779	14	Grey f.x. dolomite & chert, buff c.x. dolomite
1779	1793	14	Tan c.x. dolomite & quartz
1793	1817	24	Tan f.x. dolomite & chert
1817	1867	50	Tan & Black f.x. dolomite
1867	2050	183	Tan, grey & black f.x. dolomite & chert
2050	2086	36	Grey & amber f.x. dolomite & chert
2086	2100	14	Grey & amber f.x. dolomite & chert, 10% sl. sandy dolomite, oil stained
2100	2172	72	Grey & amber f.x. dolomite & chert
2172	2327	155	Buff & amber c.x. dolomite & chert
2327	2568	241	Buff & amber c.x. dolomite
2568	2719	151	Buff & grey f.x. dolomite
2719	2947	228	Amber & buff m.x. to c.x. dolomite
		SLM:	2947=2980
2980	3070	90	Buff m.x. to c.x. dolomite
3070	3118	48	Amber & buff f.x. dolomite
3118	3138	20	Tan c.x. dolomite
3138	3144	6	Buff to tan anhydritic dolomite
3144	3210	76	Buff & tan dolomite, chert
3210	3237	27	Buff anhydritic dolomite
3237	3375	138	Tan, grey & buff lime
3375	3407	32	Buff & tan f.x. dolomite
3407	3445	38	Black & tan f.x. lime
3445	3484	39	Grey sand, buff & tan f.x. lime
3484	3940	456	Lime, sandy lime & sand breaks
		Total	depth 3940'