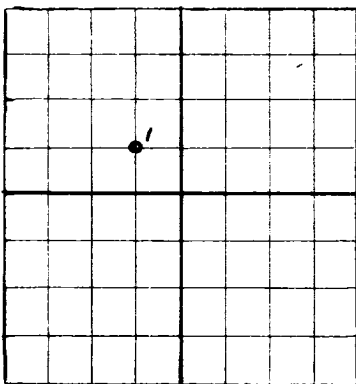


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AMENDED
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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Malco Refineries, Inc.

Owens Bldg., 10th and Avenue K, Lubbock, Texas

Company or Operator
State ND Well No. 1 In SE/NE of Sec. 36 Address 12-S
Lease
R. 31-E N. M. P. M. Caprock Field, Chaves County.
Well is 1980 feet south of the North line and 330 feet west of the East line of Section 36
If State land the oil and gas lease is No. B-7878 Assignment No. 12
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is William D. Morris Address Fort Worth, Texas
Drilling commenced 2-13-45 19____ Drilling was completed 3-8-45 19____
Name of drilling contractor J. R. Cockburn, Jr. Address Artesia, New Mexico
Elevation above sea level at top of casing 4403 feet.
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 _____ to _____ feet.
No. 2, from _____ to _____ feet.
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		PURPOSE
							FROM	TO	
8 5/8	25	8	Nat'l	245	None	- -	-	-	Surface
5 1/2	14	8	Nat'l	2953	Baker	- -	-	-	Oil

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	253	125	Pump & plug	- -	- -
7 7/8	5 1/2	2960	600	" " "	- -	- -

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
	Dump	Solidified Gel.	80 qts.	3-20-45	3011-3031	3035

Results of shooting or chemical treatment No increase. Well tested 1 1/2 gallons oil in 16 hours after shot.

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 0 feet to 2980 feet, and from _____ feet to _____ feet
Cable tools were used from 2980 feet to 3048 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Shut In 19____ Gas Tested 4-14-45
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 15.43 M.C.F. Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. W 11 Head Gauge 870#

EMPLOYEES

Tie Vowell (Rotary) Driller Fred F. Johnston (Cable) Driller
C. M. Mills (Rotary) Driller Roy Langston (Cable) 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 22nd day of May 1945
[Signature] (Notary Public)
My Commission expires 6-1-45

Lubbock, Texas 5-22-45
Name Bryan Anderson
Position Engineer
Representing Malco Refineries, Inc.
Address Owens Bldg., 10th and Ave. K

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>Rotary Elevation</u> 4408			
0	260	260	Sand and Red Bed
260	1280	1020	Red Beds
1280	1495	215	Anhydrite and Red Bed
1495	1650	155	Anhydrite and Salt
1650	1985	235	Salt
1985	2285	320	Salt and Anhydrite
2285	2330	125	Anhydrite and Red Bed
2330	2980	650	Anhydrite and Red Rock
<u>Cable Tool Elevation</u> 4406			
2980	3005	25	Anhydrite and Red Rock
3005	3010	5	Anhydrite
3010	3015	5	Brown Lime
3015	3018	3	Sand - Show of oil
3018	3030	12	Sand
3030	3032	2	Red Rock
3032	3036	4	Anhydrite
3036	3040	4	Red Rock
3040	3043	3	Anhydrite
3043	3048	5	Salt and Red Rock
			<u>Deviation record</u>
			<u>Depth</u> <u>Degrees</u>
			200 1
			500 ½
			1000 ½
			1500 ½
			2000 1
			2500 ½
			2885 ½
			<u>Geological Markers</u>
			Top of Anhydrite 1420'
			Top of Salt 1500'
			Base of Salt 2160
			Top of Yates 2240
			Top of Artesia Sand 3015