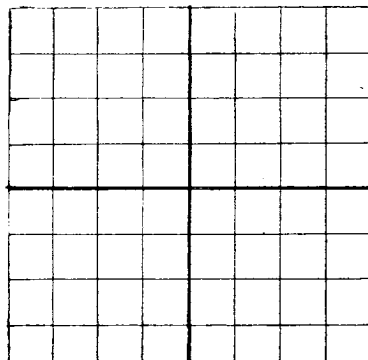


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Old Well Drilling Deeper

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.

Artesia, New Mexico

Company or Operator **Kelly-Miller** Well No. **2** in **NE SW** of Sec. **2**, T. **18 S**
R. **25 E** N. M. P. M., **Wildcat** Field, **Eddy** County.
Well is **1650** feet south of the North line and **1650** feet west of the East line of **Sec. 2**
If State land the oil and gas lease is No. **Patented** Assignment No. _____
If patented land the owner is **Kelly** Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Malco Refineries, Inc.** Address **Artesia, N. M.**
Drilling commenced **Malco 4-12-44** 19 **44** Drilling was completed **6-11** 19 **44**
Name of drilling contractor **Mountain Drilling Co.** Address **Artesia, N. M.**
Elevation above sea level at top of casing **3488** feet.
The information given is to be kept confidential until **No** 19 _____

OIL SANDS OR ZONES

No. 1, from **1550** to **1570** No. 4, from _____ to _____
No. 2, from **light show oil** 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 **1973** to **1984** feet. **H. F. Salt Water**
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	
7 10"				310					
8 1/2"				904					
7	17#	8 round		1175	Tex. Pat.				

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	310	?	?		?
?	8 1/2	904	?	?		?
8 5/8	7	1175	Mudded	Int. Cementers	12#	50 sax

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 **None**

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 **surface** feet to **2184** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **dry** 19 _____

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

emulsion; _____ % water; and _____ % sediment. Gravity, Ba _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Walter Storey Driller _____ Driller
A. E. Wrinker Driller _____ Driller

FORMATION RECORD ON OTHER SIDE

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	160		Soil, gravel, clay etc.
	75		Very large gravel & sand. Water 165'
	95		Coarse light red sand
	205		missing
	20		Coarse gravel and light sand
	30		Coarse white and light red sand
	75		Red Sand, red rock and gravel
	90		Lime shells, red sand & coarse gravel
	310		Yellow sand, and white shell lime
	20		Fine yellow sand
	50		missing
	75		Coarse gravel and red sand
	85		Red clay, red sand and gravel
	400		Fine white sand & gravel
	50		" " " " "
	75		Red sand, red mud & gravel
	500		red bed
	25		red rock
	50		red bed
	75		pink and gray lime and sand
	85		missing
	93		Red Sand, gray & pink lime & lime shells
			water 585-93
	99		Hard lime shell water was just above this
			hard shell
			(Note: Water in in "hard rock" at 651-57
			in Farmer-Talmadge well center NE SW Sec.
			4, T.18S, R 25E)
	606		Missing
	11		Hard white lime
	26		Red sand, pink & gray lime
	35		Pink & gray lime, red rock
	45		Red Sand, white & pink lime
	65		Red Sand, pink & gray lime
	79		Pink & gray sandy lime
	90		pink sandy lime
	705		pink sandy lime, slight oil show
	15		fine light red sand, some pink lime most sand
	34		" " " " & pink & gray lime
	30		hard gray & pink lime
	45		Pink & gray lime. . sandy
	54		Lt. pink sand. . sand
	63		Pink sandy lime
	86		Soft gray & dark lime
	94		Large "chunks" pink & gray lime. .lime break
	802		Gray to dark gray, with some pink lime
	10		Flakey lime, dark gray & pink
	16		Flakey pink lime
	25		gray lime, grading into sand
	37		Fine red & light red sand. .Water in 12
			ft sand (Note no sand in Farmer-Talmadge
			well below 679
	46		Fine pink & gray lime
	58		Brown & gray lime, some porosity
	64		Brown & light gray sandy lime
	75		light gray lime
	92		buff colored lime with some porosity
	95		gray lime
	900		dark gray dolitic lime
	904		missing
	30		very soft gray sugary colitic lime
			Driller made 26 ft.in 6 hrs. with spudder
	44		Sand
	55		Brownish gray oolitic lime
	64		gray lime
	71		light gray lime
	80		light gray lime, slightly porous
	85		" " " with sharp increase in
			porosity Small pieces bentonite 980-985
	92		lime from bridge
	97		light gray lime
997	1003		light gray lime, some porosity
	10		gray crystalline lime
	15		large chunks gray & brown porous lime. libreak
	33		gray lime
	50		brownish gray lime
	79		brownish gray lime, fair porosity
	85		brownish gray lime with good showing free oil
1085	1101		brownish gray lime, water 1087
			Above portion of log as submitted by J. R. Miller
1101	1130		Gray lime
1130	40		" "
1140	55		Dark gray lime show gas
1155	70		" " "
1170	75		" " "
75	82		" " "
84	94		" " "
94	1203		" " "
1203	13		" "
13	21		Brown lime
21	31		Gray "
	41		" "
	50		Brown lime
	57		" "