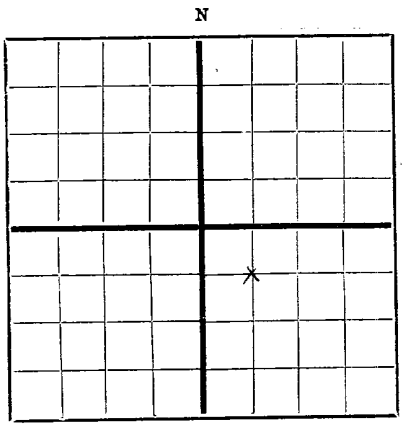
FORM C-105



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.

The Ohio Oil Compa ny — Company or Operator — Address: Hobbs, New Mexico

Dayton Hardy — Lease — Well No. 3 — in NW/4,SE/4 — of Sec. 20, T. 21-S, R. 37-E, N. M. P. M., Drinkard Field, Lea County.

Well is 3300 feet south of the North line and 1980 feet west of the East line of Sec. 20-21-37.

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

If patented land the owner is D. C. Hardy, Address Eunice, New Mexico

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

The Lessee is The Ohio Oil Company, Address Hobbs, New Mexico

Drilling commenced February 5, 1948. Drilling was completed April 5, 1948.

Name of drilling contractor J. F. Postelle Drlg. Co., Address Odessa, Texas

Elevation above sea level at top of casing 3505 feet.

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

OIL SANDS OR ZONES

No. 1, from 6578' to 6624' — No. 4, from ..... to .....

No. 2, from 6624' to 6677' — 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 FROM	PERFORATED TO	PURPOSE
13-3/8	48#	8 R	Spang	289'	[illegible]				
8-5/8	32#	8 R	"	2795'	"				
5-1/2	17#	8 R	"	6658'	"				
2-3/8"	4.7#	8 R		6707'	Torpedoed end		6672'	6674'	Prod.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8	299'	250	[illegible]		
11"	8-5/8	2787'	1200	"		
8"	5-1/2	6622'	750	"		

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
		Acid	4000 gal.	3-26-48	6622' to 6662'	
			2000 gal.	3-29-48	6654' to 6677'	

Results of ~~shooting~~ or chemical treatment well flowed 304 bbls. in 24 hrs. thru 1/4" choke

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 surface feet to TD 6677' feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing April 16, 1948.

The production of the first 24 hours was 304 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be. 40.5 @ 60

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

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

EMPLOYEES

M. C. Hamm, Driller — J. M. Darnell, Driller

J. P. Ivey, 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 15 day of April, 1948

E. K. Hartman
Notary Public

My Commission Expires August 19, 1951
My Commission expires .....

Hobbs, New Mexico (Place) April 15, 1948 (Date)

Name C. B. Stewart

Position Superintendent

Representing The Ohio Oil Company (Company or Operator)

Address Box 1607, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1240	1240	Surface sand, caliche and red beds.
1240	1350	110	Anhydrite.
1350	2490	1140	Salt.
2490	2800	310	Anhydrite.
2800	3520	720	Dol. anhydrite, shale.
3520	3890	370	Dol., sand and shale.
3890	4810	920	Dolomite.
4810	5170	360	Limestone and dolomite.
5170	6677	1507	Dolomite, sand and shale.

DEVIATION SURVEY

Depth Taken	Degrees off Vertical
250	1
500	0
750	0
1000	0
1250	0
1500	1/2
1750	0
2000	0
2250	0
2500	1
2750	1
3000	2
3250	2
3500	3/4
3750	1
4000	1
4250	1
4500	0
4750	3/4
5000	1
5250	0
5500	0
5750	1/2
6000	1/2
6250	1/2
6500	1

Dayton Hardy Well No. 3, Sec. 20, T 21-S, R 37-E

DST #1 from 3710' to 3740'. 5/8" BH choke and 1" top choke. No water blanket. Tool open 1 hour. Gas to surface in 18 minutes. Estimate 45 MCF. Recovered 75' of oil and gas cut mud. Mud weight 1550#. B. H. flowing pressure 250#. 15-minute shut-in B.H. build up 900#.

DST #2 from 3935' to 3985'. 5/8" BH choke and 1" top choke. No water blanket. Tool open one house. Good blow throughout test. No gas to surface. Recovered 210' oil and gas cut mud and 30' drilling mud. Mud weight 1600#; B.H. flowing pressure 0#. 10-minute shut-in B.H. build up 750#.

DST #3 from 4173' to 4203'. 5/8" BH choke and 1" top choke. No water blanket. Tool open one hour. 15-minute build-up. Gas to surface in 41 minutes. Recovered 3450' sulphur water. Mud weight 1850#. Maximum flowing pressure 1400#; 15- min. build-up to 1450#.