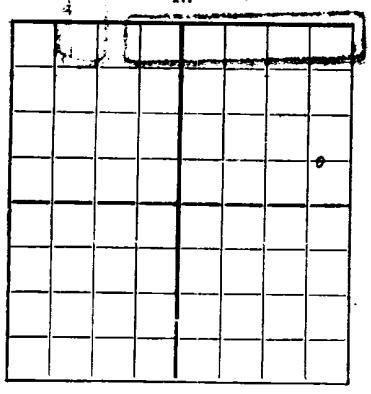
FORM C-105 DUPLICATE



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 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.

The Ohio Oil Company (Company or Operator) Lou Worthan (Lease)

Well No. 12 in SE/4 NE/4 of Sec. 11, T. 22S

R. 37E, N. M. P. M., Drinkard Field, Lea County.

Well is 1980 feet south of the North line and 560 feet west of the East line of Sec. 11-22-37

If State land the oil and gas lease is No. _____ Assignement No. _____

If patented land the owner is Lou Worthan, Address Big Spring, Texas

If Government land the permittee is _____, Address _____

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

Drilling commenced January 16, 19 52. Drilling was completed February 22, 19 52

Name of drilling contractor Two States Drilling Co., Address Dallas, Texas

Elevation above sea level at top of casing 3354 feet.

The information given is to be kept confidential until _____ 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 FROM	PERFORATED TO	PURPOSE
13-3/8	48#	8 R	Smls	283' 5"					
8-5/8	32#	8 R	Smls	2807' 3"	Baker				
5-1/2	17#	8 R	Smls	6542' 9"	Baker				
2-3/8"	4.7#	8 R	Smls	6489' 6"					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8	298'	402	Halliburton		
11"	8-5/8	2807'	1500	"		
8"	5-1/2	6510'	600	"		
	2-3/8	6470'	Torpedoed end			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set 6483'

Adapters—Material _____ Size Filled up W/cement from TD 6514' to 6483'

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
			4000 gal.	3-5-52	6440-6482	
			6000 gal.	3-6-52	6440-6482	

Results of shooting or chemical treatment well flowed 41 bbls. oil in 24 hrs. thru 1/2" 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 T.D. 6514 feet, and from - feet to - feet.

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

PRODUCTION

Put to producing March 18, 19 52

The production of the first 24 hours was 41 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 38 @ 60

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____ GOR 3910:1

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

F. L. Coleman, Driller J. C. Hewitt, Driller

E. S. Welch, 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 1st day of April, 19 52

Eth. M. Sellers
Notary Public

My Commission Expires August 19, 1955

My Commission expires _____

Hobbs, New Mexico (Place) April 1, 1952 (Date)

Name J. B. Rose

Position Superintendent

Representing The Ohio Oil Company (Company or Operator.)

Address P. O. Box 2107, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1150	1150	Surface Sand, Caliche, Red Beds.
1150	1200	50	Anhydrite.
1200	2300	1100	Salt.
2300	3500	1200	Anhydrite, Dolomite, Shale.
3500	4700	1200	Dolomite.
4700	4950	250	Lime and Dolomite.
4950	6514	1564	Dolomite, Lime, Sand.

DEVIATION SURVEY

Depth Taken	Degrees Off Vertical
1150	1/4
1900	1/4
2448	1
2670	3/4
3375	1/4
3730	1/2
4050	1/2
4217	3/4
4475	1
4800	1-1/4
5100	1-1/4
5291	1/2
5660	3/4
5800	1-1/2
6050	1-3/4
6200	2
6375	3-1/2
6466	2-3/4
6508	2-1/4

Lou Worthan Well No. 12, Sec. 11, T 22S, R 37E, Lea County, New Mexico

DST #1, testing from 5388' to 5506', 5/8" BHC and 1" top choke. Tool open 30 min., gas to surface in 3 min., measured at 6 MCF per day. Hydrostatic pressure 2625#, flowing pressure 2125#, 15 min. shut-in 2500#. Used Johnston testers with dual packers, safety joint, and reversing plug.

DST #2, testing from 5925' to 6028', 5/8" BHC and 3/4" top choke. Tool open 45 min., gas to surface in 5 min. with good blow increasing thru out test. Measured gas at 156 MCF per day and recovered 540' water and gas cut mud. Hydrostatiw pressure 2950#, flowing pressure 350#, 15 min. shut-in pressure 1950#, tested with Johnston testers;103' anchor, dual packers, Bowen jars, safety joint, combination reverse and shut-in tool.

DST # 3, testing from 6479' to 6514', 5/8" BHC and 3/4" top choke. Tool open 15 min., very weak blow, died in 13 min. Recovered 200' water blanket and 20' drilling mud. Hydrostatic pressure 3400#, flowing pressure 0#, shut-in pressure 0.

DST #4, testing from 6468' to 6482', Olympic hookwall packer set @ 6450'. 1/2" BHC and no top choke, 240' of water blanket. Tool open 55 min. very weak blow, dead in 35 min. Hydrostatic pressure 3,200 psi, flowing pressure 0#, shut-in pressure 0#. Pulled drill pipe, recovered 90' drilling mud and 240' water blanket.

DST #5, testing from 6440' to 6460' and from 6468' to 6482', Olmpic hookwall packer set @ 6430'. 1/2" BHC and no top choek. Tool open 3 hrs., blow medium strong to light steady blow at end pf test. Hydrostatic pressure 3375#, pressure 0#. Recovered 100' of slightly gas cut mud and 200' water blanket. No gas to surface.