DUPLICATE

FORM C-105

RECEIVED
SEP 9 1946
HOBBS OFFICE

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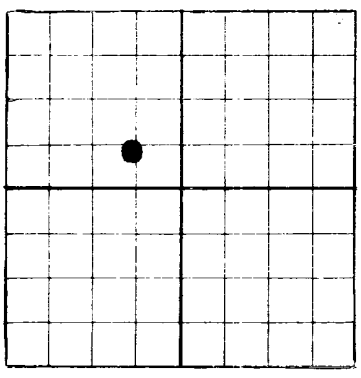

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 Company (Company or Operator) Box 1607 - Hobbs, New Mexico (Address)

Lou Northan (Lease) Well No. 6 in SE/4, NW/4 of Sec. 11, T. 22-S

R. 37-E, N. M. P. M., Paddock Field, Lea County.

Well is 1980 feet south of the North line and 3330 feet west of the East line of Sec. 11 - 22S - 37E.

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

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

If Government land the permittee is _____, Address _____

The Lessee is The Ohio Oil Company, Address Box 1607 - Hobbs, New Mex.

Drilling commenced July 11, 1946 Drilling was completed August 26, 1946

Name of drilling contractor J. F. Postelle Drilling Cont. Address Box 2326, Odessa, Texas

Elevation above sea level at top of casing 3355 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 rd	Spang	306	None				
8-5/8"	32	"	"	2813	Howco				
5-1/2"	15.5	"	"	5124	Howco				
2-3/8"	4.7	"	"	5177	Torp. End		5143	5146	

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	304	250	Halliburton		
11	8-5/8	2798	3000	"		
8	5-1/2	5089	500	"		
4	2-3/8	5158	None	None		

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
		None				
		None				
		--				

Results of shooting or chemical treatment Natural test - Well flowed 346 B/O in 24 hrs.

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 5158 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing September 1, 1946

The production of the first 24 hours was 346 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 38.2 @ 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 E. C. Scott, Driller

J. W. Postelle, 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 4th day of September 1946

E. L. McClellan
Notary Public

MY COMMISSION EXPIRES AUG. 19, 1947

My Commission expires _____

Hobbs, New Mexico (Place) 9-4-46 (Date)

Name R. B. Stewart

Position Supt.

Representing The Ohio Oil Company (Company or Operator)

Address Box 1607 - Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	317	317	Caliche & Red Bed
317	744	427	Red Bed
744	871	127	Red rock, Sand & Shells
871	1088	217	Shale & Red Bed
1088	1140	52	Anhydrite
1140	1188	48	Anhydrite, Red Beds
1188	1400	212	Anhydrite, Red Beds & Salt
1400	2413	1013	Anhydrite & Salt
2413	2427	14	Anhydrite
2427	2495	68	Anhydrite & Shells
2495	2947	452	Anhydrite
2947	3140	193	Anhydrite & Lime
3140	5158	2018	Lime

THE OHIO OIL COMPANY

LOU WORTHAN #6

DEVIATION SURVEY

Depth Taken	Degrees off Vertical
250	0
500	0
750	0
1000	0
1250	0
1500	0
1750	0
2000	0
2250	0
2500	0
2750	0
3000	0
3250	0
3500	0
3750	0
4000	¼
4250	¼
4500	½
5000	0

WORTHAN #6 CORE RECORD

5091-95 - Tan, finely xyln to granular limey dol. with scattered very thin black sh. partings, few anhy. globs. Fine por. throughout. Well saturated and stained.

95-96 - Tan, finely xyln to granular limey dol. with 2" black shaly dol. ls. and 1/8" black sh. parting, few anhy. globs. Fine por. Well saturated and stained.

96-99 - Tan, finely xyln dol. with good apparent por and perm. and with very thin sh. partings and semi-anhy. globs. Well sat & st.

5099-5100½ - Tan to black finely xyln dol. Good por filled w/black carbonaceous mat'l. some staining & sat. Several anhy globs.

5100½ - 04 - Gray fine grained to dense dol ls. ½" bl sh partings 5102' and cons. sh & bl carb. mat'l at 5104. Very slight st. and sat.

04- 05 - Tan to gray fine grained to dense limey dol. No por or sat.

05- 06 - Dark gray to black finely xlyn shaly limey dol. Scattered por slight stain.

06- 07 - Gray finely xlyn dol ls with good conn. vugular type por. well sat and stained.

07- 08 - Gray to black finely xyln dol ls, few vugs, mostly fine por. Sat & stained.

08- 09 - Gray finely xyln dol with good vugular por well saturated and stained.

09- 10 - Dark gray to black xyln dol ls, some scattered por and stains.

10- 11 - Light gray dense to finely xyln ls. Some scattered vugular por with stains & sat.

11- 12 - Gray dense ls, no por or sat.

12- 13 - Gray to tan dense to finely xyln dol ls, scattered vug por & sat.

13- 14 - Gray dense dol ls, some scattered por & sat.

14- 16½ - Gray dense dol ls, no por or perm. No stain

16½- 18 - Core lost.

18- 19 - Dark gray to black shale & shaly dol. No por, perm, or stain.

19- 21 - Gray dense dol ls, scattered por & st. 1/8" thin sh parting at 5120'.

21-23 - Gray dense dol ls, no por or sat w/thin dol bands stained & sat.

23- 26½ - Gray dense dol ls, no por or sat. Some sh partings.

5126½ - 28 - Gray to tan limey dol, finely xyln. Good por & sat.

28- 29 - Gray to black finely xyln dol good por filled w/black carbonaceous mat'l

29- 30 - Gray dense dol ls. Scattered vugs stained. 11" black sh parting.

30- 31 - Gray dense dol ls. Few scattered pores w/ stain.

31- 32½ - Gray to tan dol ls, dense scattered stained por.

32½- 33 - Dark gray to black dol sh & shale.

33- 34 - Gray finely xyln ls very sl por & stain.

34- 36 - Gray to tan xyln limey dol.Some por, good stain. 1" black shale parting at 5136'.

36- 38 - Dark gray dense dol ls, no por or stain.

38- 39 - Light gray dense dol ls, scattered por & stain.

39- 40 - Gray to tan dense limey dol. No por, sl stain.

40- 41 - Gray to tan dense limey dol. Sl por & stain.

41- 43 - Tan xyln fairly por dol. Good stain. Some anhy globs.

43- 45 - Tan xyln extremely por dol. Can suck through core. Good sat.

45- 47 - Tan xyln dol. Good por & perm & sat.

47- 48 - Tan to gray finely xyln dol, por por, sl sat.

48- 51 - Tan xyln dol. Some vugs & fair por & perm & sat.

51- 53 - Tan xyln dol, extremely good por.

[illegible] CORE [illegible]

5091-95 - Tan, finely xyln [illegible] very thin black sh. partings, [illegible] anhy. globs. [illegible]

95-96 - Tan, finely xyln [illegible] limey dol. [illegible] 1/2" [illegible] sh. parting, few anhy. [illegible] por. [illegible] saturated and stained.

96-97 - Tan, finely xyln dol. [illegible] good [illegible] very thin sh. partings and semi-anhy. globs. [illegible] sat [illegible] st.

5097-5100½ - Tan to black finely xyln dol. [illegible] por filled w/black carbonaceous mat'l. Some staining & sat. Several anhy globs.

5100½ - 04 - Gray fine grained to dense dol ls, [illegible] carb. mat'l at 5104. Very slight sat. and st.

04- 05 - Tan to gray fine grained to dense limey dol. [illegible] sat.

05- 06 - Dark gray to black finely xlne shaly limey dol. [illegible] for slight stain.

06- 07 - Gray finely xlyn dol ls with good conn. vugular [illegible] well sat and stained.

07- 08 - Gray to black finely xyln dol ls. Few vugs. [illegible] por, sat & stained.

08- 09 - Gray finely xyln dol [illegible] stained.

09- 10 - Dark gray to black xyln dol ls, [illegible]

10- 11 - Light gray dense to finely xyln ls. Some [illegible] vugular por with stains & sat.

11- 12 - Gray dense ls, no por or sat.

12- 13 - Gray to tan dense to finely xyln dol ls, [illegible] por [illegible]

13- 14 - Gray dense dol ls, [illegible] scattered por [illegible]

14- 15½ - Gray dense dol ls, no por or perm. No stain.

15½- 18 - Core lost.

18- 19 - Dark gray to black shaly [illegible] dol. [illegible]

19- 21 - Gray dense dol ls, scattered por [illegible] 1/4" [illegible] at 5120'.

21-23 - Gray dense dol ls, no por or sat w/thin [illegible] stained [illegible]

23- 25½ - Gray dense dol ls, no por or sat. Some sh partings.

5125½ - 28 - Gray to tan limey dol, finely xyln. Good por & sat.

28- 29 - Gray to black finely xyln dol [illegible] w/black carbonaceous mat'l

29- 30 - Gray dense dol ls. Scattered vugs stained. 1/2" [illegible] partings.

30- 31 - Gray dense dol ls. Few scattered [illegible] stain.

31- 32½ - Gray to tan dol ls, [illegible] stained [illegible] por.

32½- 33 - Dark gray to black [illegible] & snails.

33- 34 - Gray finely xyln ls [illegible] stain.

34- 36 - Gray to tan xyln [illegible] at 51[illegible]'.

36- 38 - Dark gray dense dol ls, no por or stain.

38- 39 - Light gray dense dol ls, scattered [illegible]

39- 40 - Gray to tan dense limey dol. [illegible]

40- 41 - Gray to tan dense lime [illegible] por [illegible] stain.

41- 43 - Tan xyln fairly [illegible]

43- 45 - Tan xyln extremely por [illegible]

45- 47 - Tan xyln dol. [illegible]

47- 49 - Tan to gray finely xyln dol, por [illegible]

49- 51 - Tan xyln dol. Some [illegible] por [illegible]

51- 55 - Tan xyln dol, [illegible]