DUPLICATE

FORM C-105

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MAY 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

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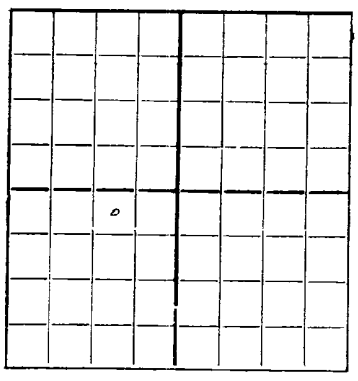
NEW MEXICO OIL CONSERVATION COMMISSION

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.

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

The Ohio Oil Company (Company or Operator) W. S. Marshall "B" (Lease)

Well No. 9 in NE/4, SW/4 of Sec. 27, T. 21S

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

Well is 2970 feet south of the North line and 3630 feet west of the East line of Sec. 27-21-37

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

If patented land the owner is W. S. Marshall et al, Address Eunice, New Mexico

If Government land the permittee is _____, Address _____

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

Drilling commenced June 12, 1951. Drilling was completed July 22, 1951

Name of drilling contractor Two States Drilling Co., Address Eunice, NewMexico

Elevation above sea level at top of casing D.F. 3425 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	294' 4"	None				
8-5/8	32	8 R	Smls	2802' 9"	Baker float collar & float shoe				
5-1/2	17	8 R	Smls	7535' 0"	Baker triplex baffle collar				
2-3/8	4.7	8 R	Smls	7616' 4"					

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	308	300	HOWCO		
11"	8-5/8	2800	1200	"		
8"	5-1/2	7500	1100	"		
	2-3/8	7588	Torpedoed end			

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			

Results of shooting or chemical treatment Well flowed 386 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 TD 7591 feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing July 28, 1951

The production of the first 24 hours was 386 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 41.5 @ 60

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____ GOR 990:1

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. W. Bankston, Driller M. L. McNew, Driller

O. L. Orbison, 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 8th day of August, 1951

E. L. Hannan
Notary Public
My Commission Expires August 19, 1951

My Commission expires _____

Hobbs, New Mexico (Place) August 8, 1951 (Date)

Name C. J. Stewart

Position Superintendent

Representing The Ohio Oil Company (Company or Operator)

Address P. O. Box 1607, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1170	1170	Surface Sand, Caliche & Red Beds.
1170	1310	140	Anhydrite.
1310	2400	1090	Salt.
2400	3900	1500	Anhy. and Dolomite.
3900	7360	3460	Dolomite.
7360	7445	85	Lime.
7445	7565	120	Dolomite.
7565	7580	15	Granite Wash
7580	Top Granite		

DEVIATION SURVEY

DEPTH TAKEN	DEGREES OFF VERTICAL
190	3/4
600	0
900	1/2
1200	1/4
1470	1/2
1690	3/4
1840	1/2
2000	1/4
2250	1/4
2450	1/2
2639	3/4
3094	1/2
3315	1/2
3620	1/4
3940	1/4
4180	3/4
4330	1
4600	3/4
4840	3/4
5290	1/2
5610	0
5860	0
6105	0
6510	1/2
6790	1/2
6950	1/2
7110	3/4
7300	2-1/2
7370	2
7395	2-1/4

W. S. Marshall "B" Well No. 9, Brunson Pool, Lea County

DST #1, testing from 5110' to 5145', Paddock Zone. Went in hole with Johnston tested. Dropped 2 bars, valve failed to open. Found 2 leaks in drill pipe and 50' of mud on top of valve. Mis-run.

DST #2, testing from 5115' to 5145'. Packer set @ 5115'. Tool open 2 hrs. 5/8" BHC and 1" top choke. Gas to surface in 10 minutes. Strong blow thru out test. Shut-in 15 minutes and circulated mud and oil out, Recovered approximately 50' of oil (7 bbls.) Flowing pressure 0#. 15 minute shut-in pressure 525#. Hydrostatic pressure 2400#.

DST #3, testing from 7330' to 7400'. Ran 800' water cushion. 70' anchor of which 30' was perforations. Tool open at 12:27 P.M. closed at 1:30 P.M. 5/8" BHC and 1" top choke. Water to surface in 6 minutes, gas to surface in 8 minutes, oil to surface in 26 minutes, flowing pressure 2100#, shut-in pressure 15 minutes 2350#, hydrostatic pressure 3500#. Well flowed 17.5 bbls. first 15 min.; 22.5 bbls. 2nd 15 minutes or 40 bbls. in 1/2 hr., flowing at a rate of 80 bbls. per hr. or 1920 BOPD. GOR 1280:1.