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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OCT 13 1938

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HOBBES OFFICE WELL RECORD

DUPLICATE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than thirty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (T). SUBMIT IN TRIPPLICATE.

OIL PETROLEUM COMPANY

Company or Operator

W. B. Ferrall

Well No. 1

of Sec. 22

T. 22S

R. 37E

N. M. P. M.

Penrose

Lea

County

Well is 640 feet south of the North line and 640 feet west of the East line of Southeast Quarter.

If State land the oil and gas lease is No. 1

If patented land the owner is Mary M. Penrose, Address 1 First State Bank, Hobbs, Texas

If Government land the permittee is Olean Petroleum Company, Address Box 777, Bristow, Okla.

The Lessee is Olean Petroleum Company, Address Box 777, Bristow, Okla.

Drilling commenced July 31, 1938, Drilling was completed Sept. 22, 1938

Name of drilling contractor Olean Petroleum Company, Address Box 777, Bristow, Okla.

Elevation above sea level at top of casing 2300 feet

The information given is to be kept confidential until 1939

No. 1, from 3531 to 3534 No. 4, from 3484 to 3487

No. 2, from 3535 to 3538 No. 5, from 3488 to 3491

No. 3, from 3423 to 3426 No. 6, from 3492 to 3495

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which it rose in hole.

No. 1, from 30' to 30' feet. 25 Bbls per day; did not rise

No. 2, from 135' to 135' feet. 40 B. per day; Rose to 150 ft top

No. 3, from 195' to 195' feet. 50 B. per day; Rose to 180 ft top

No. 4, from 195' to 195' feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
7" OD	24#	10	Sals	3379'			
8-5/8"	28#	8	L.W.	1200'			
10-3/4"	40#	10	L.W.	100'			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
7"	8-5/8"	1125	175	Halliburton		
8-5/8"	1125	150		do		
10-3/4"	143	65		do		

PLUGS AND TAPERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment

RECORD OF SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS LOG

Rotary tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet

Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet

PRODUCTION

Put to producing 9/22/38

The production of the first 24 hours was 49 barrels of fluid of which 100 % was oil;

emulsion; % water; and % sediment. Gravity, Be.

If gas well, cu. ft. per 24 hours

Rock pressure, lbs. per sq. in.

EMPLOYEES

R. H. Johnson Driller A. P. Clepper Driller

E. A. Cummings 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 10th day of October, 1938

Notary Public

Representing Olean Petroleum Company

Address Box 777, Bristow, Oklahoma.

My Commission expires 12/27/41

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50		caliche
30	65		sand 1/4 blr water 60-65
65	110		red shale
110	135		blue shale
135	155		sand red 1 1/2 blrs water per hr
155	165		red shale
165	170		red mud
170	175		blue shale
175	195		red sand
195	210		white sand 3 blrs water per hr
210	235		yellow sand
235	250		blue shale
250	275		sand hard
275	295		red mud
295	345		red shale
345	400		red mud
400	500		blue shale
500	505		red shale
505	515		red bed
515	535		blue shale sandy
535	575		red shale
575	605		sandy shale light
605	701		sandy shale
701	715		water sand HW 715-40
715	740		gray shale
740	745		sandy shale
745	795		redrock & blue shale
795	825		red shale
825	835		red sandy shale
835	850		sand
850	870		red & blue shale
870	875		sandy shale mud
875	905		blue shale
905	915		sandy red shale
915	955		red shale
955	1010		red rock
1010	1040		red shale
1040	1055		red mud
1055	1091		anhydrite top 1091
1091	1095		red shale
1095	1105		anhydrite
1105	1220		salt
1220	1235		anhydrite
1235	1240		red shale
1240	1250		anhydrite
1250	1270		red rock
1270	1285		salt & anhydrite
1285	1335		red shale
1335	1355		salt
1355	1420		anhydrite
1420	1450		anhydrite & salt
1450	1500		salt & potash
1500	1545		anhydrite
1545	1575		salt
1575	1585		salt & potash
1585	1640		anhydrite
1640	1655		salt & potash
1655	1670		red mud
1670	1705		salt & potash
1705	1775		anhydrite & potash
1775	1790		salt & potash
1790	1800		anhydrite & potash
1800	1815		anhydrite
1815	1835		salt
1835	1865		salt & potash
1865	1990		anhydrite & potash
1990	2020		salt & potash
2020	2180		anhydrite
2180	2215		salt
2215	2375		anhydrite
2375	2500		anhydrite & lime shells
2500	2545		anhydrite
2545	2555		redrock & anhydrite
2555	2560		anhydrite & lime
2560	2570		anhydrite & red shale
2570	2600		anhydrite
2600	2625		anhydrite & redrock
2625	2655		anhydrite
2655	2775		anhydrite & lime Smell of gas @ 2775'
2775	2820		anhydrite
2820	2840		anhydrite & lime
2840	2870		anhydrite
2870	2895		anhydrite & lime
2895	3045		anhydrite
3045	3090		anhydrite & sandy lime
3090	3115		anhydrite
3115	3220		shale
3220	3235		anhydrite
3235	3250		shale
3250	3260		anhydrite & lime
3260	3285		blue shale
3285	3290		anhydrite
3290	3325		lime
3325	3370		anhydrite & lime
3370	3375		lime hard
3375	3385		black lime
3385	3444		lime
3444	3455		gas sand
3455	3465		lime
3465	3519		sandy lime
3519	3531		lime
3531	3535		sand Show of oil
3535	3545		brown lime
3545	3550		lime
3550	3554		Bentonite & lime. Increase in gas at 3551'
3554	3559		lime
3559	3565		sand More oil
3565	3572		sandy lime
3572	3595		lime
3595	3600		green shale
3600	3605		lime Increase in oil & gas at 3605'
3605	3640		lime hard
3640	3651		lime