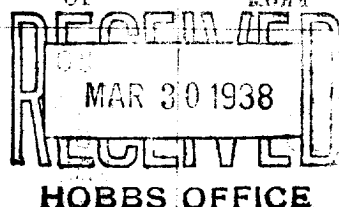


N.

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 (T). SUBMIT IN TRIPLICATE

DUPLICATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

Culbertson & Irwin, Inc.

Liberty Royalties Corporation

Company or Operator

Lease

Well No. 1 in NW/4 of Sec. 3, T. 25-SR. 37-E, N. M. P. M., Langlie Field, Lea County.Well is 330 feet south of the North line and 4290 feet west of the East line of Section 3

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

If patented land the owner is George Smith, Address Jal., New Mexico

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced December 16 19 38. Drilling was completed March 24 19 38Name of drilling contractor Natl. Drilg. & Prod. Co., Address Midland, TexasElevation above sea level at top of casing 3168 feet.

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

OIL SANDS OR ZONES

No. 1, from 3396 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 465 to 490 feet. 14 bailers at 475

No. 2, from _____ to _____ feet. _____

No. 2, 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 TO	PURPOSE
<u>15 1/8"</u>	<u>58#</u>	<u>8</u>	<u>used</u>	<u>103'</u>	<u>T.P.</u>			
<u>8-5/8"</u>	<u>32#</u>	<u>8</u>	<u>"</u>	<u>1385'</u>	<u>T.P.</u>			
<u>7"</u>	<u>24#</u>	<u>8</u>	<u>New</u>	<u>3164'</u>	<u>T.P.</u>			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>20"</u>	<u>15 1/8"</u>	<u>103'</u>	<u>100</u>	<u>Halliburton</u>		
<u>10"</u>	<u>8-5/8"</u>	<u>1385'</u>	<u>150</u>	<u>"</u>		
<u>8"</u>	<u>7"</u>	<u>3164'</u>	<u>150</u>	<u>"</u>		

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

Results of shooting or chemical treatment not shot

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3396 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 24 19 38The production of the first 24 hours was 322 barrels of fluid of which 100 % was oil; 0 % emulsion; _____ % water; and _____ % sediment. Gravity, Be. 40°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

National Drilling & Production Co. Driller _____Contractor 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 28Midland, Texas March 28, 1938day of March, 19 38Name Lucille C. NormanPosition PresidentRepresenting Culbertson & Irwin, Inc.My Commission expires June 1, 1939Address P.O. Box 1071

Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Caliche
30	50	20	Sand
50	60	10	Gravel
60	125	65	Redrock & red shale
125	150	25	Yellow clay
150	250	100	Red rock & red shale
250	275	25	Blue shale
275	300	25	Red shale
300	310	10	White shale
310	330	20	Blue shale
330	435	105	red shale
435	455	20	Blue shale
455	490	35	Water sand 14 bailers at 475'
490	520	30	Red shale
520	550	30	Blue shale
550	600	50	Red rock & red shale
600	610	10	Sand
610	615	5	Blue shale
615	640	25	Sandy shale
640	1040	400	Red rock
1040	1145	105	Anhydrite
1145	1270	25	Salt & anhydrite
1170	1200	30	Anhydrite
1200	1215	15	Red rock & salt
1215	1320	105	Salt
1370	1390	20	Potash
1390	1405	15	Anhydrite
1405	1470	65	Salt
1470	1515	45	Potash, salt, redrock & anhydrite
1515	1585	70	Anhydrite
1585	1615	30	Salt & potash
1615	1650	35	Anhydrite
1650	1680	30	Salt
1680	1690	10	Red rock
1690	1740	50	Red rock & shells
1740	1800	60	Salt
1800	1825	25	Anhydrite
1825	2085	260	Salt
2085	2100	15	Anhydrite
2100	2125	25	Lime
2125	2140	15	Salt
2140	2225	85	Anhydrite
2225	2280	55	Salt & potash
2280	2335	55	Anhydrite
2335	2345	10	Salt
2345	2480	135	Salt & anhydrite
2480	2645	165	Anhydrite
2645	2675	30	Lime
2675	2955	280	Anhydrite
2955	2995	40	2945 Big Gas
2995	3005	10	Gas Sand
3005	3010	5	Lime
3010	3015	5	Brown lime
3015	3020	5	Lime
3020	3027	7	Gas Sand
3027	3040	13	Lime
3040	3090	50	Brown lime
3090	3160	70	Lime
3160	3164	4	Gray lime
3164	3214	50	Lime
3214	3296	82	Gray lime
3296	3308	6	Lime
3308	3320	12	Gray lime
3320	3381	61	Lime
3381	3384	3	Sand
3384	3396	12	Lime TD