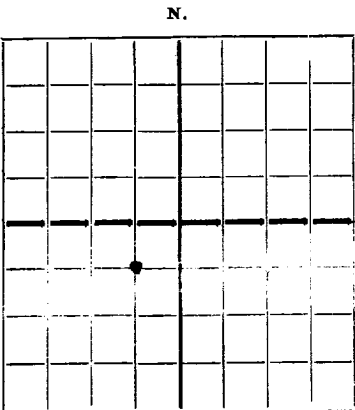




NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company Republic Production Company Address Petroleum Bldg., Houston, Texas

Send correspondence to Wm. Affentranger Address Harden Hotel, Hobbs, New Mexico

Shelby & Maveety Well No. one in S.W. 1/4 of Sec. 35 T. 19

R. 36, N. M. P. M., Monument Oil Field Lea County.

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

If patented land the owner is Shelby & Maveety Address Hobbs, New Mexico.

The lessee is Republic Production Company Address Houston, Texas.

If not state or patented land, give status _____

Drilling commenced September 24, 1935 Drilling was completed November 6 1935

Name of Drilling contractor M. J. Delaney, Inc Address Hobbs, New Mexico

Elevation above sea level at top of casing 3614 feet.

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

OIL SANDS OR ZONES

No. 1, from 3783 to 3803 No. 4, from 3884 to 3940

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	Purpose
<u>12 1/2</u>	<u>50 1/2</u>	<u>8</u>	<u>Nat.</u>	<u>253'</u>	<u>Float</u>				
<u>9 5/8</u>	<u>30</u>	<u>8</u>	<u>R.S.</u>	<u>2,375</u>	<u>"</u>				
<u>7" O.D.</u>	<u>24</u>	<u>10</u>	<u>R.S.</u>	<u>3,775</u>	<u>"</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2</u>	<u>253'</u>	<u>100 Sacks</u>	<u>Halliburton</u>		<u>40 Gals.</u>
<u>9 5/8</u>	<u>2,375</u>	<u>400 Sacks</u>	<u>"</u>		<u>150 "</u>
<u>7" O.D.</u>	<u>3,755</u>	<u>200 "</u>	<u>"</u>		<u>100 "</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATED	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from To feet to Bottom feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing Test only 11/10 1935

The production of the first 24 hours was 5 hrs. 3/8 chokes barrels of fluid of which 98 3/10 %

emulsion; None % water; and Added 1 2/10 % sediment. Gravity, Be Corrected 100.8

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. R. Ruse Driller O. H. Bourge Jr. Driller

E. E. Wolfe Driller J. W. Wright 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 25 day of November, 1935.

Anna Rasm Notary Public.

Name Wm Affentranger Position Superintendent

Representing Republic Production Co.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	38	38	Surface
38	162	124	Red beds and red rock
162	200	38	Sand
200	253	53	Red beds and sand
253	421	168	Red beds and rock
421	630	209	Red beds
630	800	170	SYFO Straight Hole Test 500' 1 Degree off Red beds and red rock
800	884	84	Redc Beds
884	915	31	Hard red rock
915	960	45	Red rock
960	1000	40	Red bed
1000	1010	10	SYFO Straight Hole Test 1000' 1 Degree off Red rock
1010	1012	2	Anhydrite
1012	1047	35	Red eds and lime
1047	1060	13	Red beds
1060	1105	45	Anhydrite
1105	1115	110	Red beds and anhydrite
1115	1163	48	Anhydrite
1163	1223	60	Red beds and Anhydrite
1223	1381	158	SYFO Straight Hole Test 1259' 0 Degree off Salt, anhydrite and red beds
1381	1386	5	Anhydrite
1386	1416	30	Salt, anhydrite and red beds
1416	1469	53	Salt and anhydrite
1469	1482	13	Anhydrite
1482	1557	75	Salt and anhydrite
1557	1642	85	SYFO Straight Hole Test 1500' 1 Degree off Salt, anhydrite and red beds
1642	1647	5	Salt, anhydrite and potash
1647	1655	8	Red beds
1655	1781	126	Salt and anhydrite
1781	1791	10	Anhydrite
1791	2012	221	Salt anhydrite and potash
2012	2151	169	Salt and Anhydrite
2151	2214	33	Anhydrite
2214	2305	91	Salt and anhydrite
2305	2365	60	Anhydrite
2365	2379	14	SYFO Straight Hole Test 2350' 1 Degree off Lime, brown
2379	2505	126	Anhydrite and Lime
2505	2524	19	Lime
2524	2556	32	Sandy Lime
2556	2581	25	Brown lime and sand
2581	2606	25	Lime
2606	2682	216	Lime and anhydrite
2682	2859	37	SYFO Straight Hole Test 2750' 1 Degree off Brown Lime and anhydrite
2859	2893	34	Sandy Lime
2893	2943	50	Lime
2943	2982	39	Lime and anhydrite
2982	3192	210	Lime
3192	3226	34	Lime and anhydrite
3226	3266	40	Lime, gray
3266	3316	29	Lime and anhydrite
3316	3352	16	Hard Lime
3352	3353	21	Lime, anhydrite, and sand
3353	3380	27	Brown Lime and anhydrite
3380	3394	14	Anhydrite and sandy lime
3394	3414	20	Lime and anhydrite
3414	3453	39	Lime
3453	3500	47	Lime, gray
3500	3535	35	Lime and anhydrite
3535	3647	112	Lime
3647	3711	64	Lime, brown
3711	3787	76	Lime
3787	3795	8	Lime (Core No. 1)
3795	3803	8	Lime (Core No. 2), saturated
3803	3884	81	Lime
3884	3893	9	Soft Lime, highly saturated.
3893	3940	57	Lime

Casing Cutting Record:

253'0", 50 pound, 10 thread Lapweld Casing
Cemented with 100 sacks of cement.
2575'0" of 9-5/8 inch, 36 pound, Electric weld
Casing. Cemented with 400 sacks of El Toro
Cement.
3775'0" of 7" O. D., 24 pound, Electric weld
Casing. Cemented with 200 sacks of El Toro
Cement.