

DUPLICATE

Form SG 108

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Company Noble & Company Address Box 957, Ardmore, Oklahoma
Send correspondence to Noble & Company Address Box 957, Ardmore, Oklahoma
Well No. 1 in SE, SE, SW of Sec. 24, T. 18S, R. 37E, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. A-1118 Assignment No. _____
If patented land the owner is _____ Address _____
The lessee is Roxana Petroleum Corp., now Shell Pet. Corp. Address Houston, Texas
If not state or patented land, give status _____
Drilling commenced February 7th 19 34. Drilling was completed March 21st 19 34
Name of drilling contractor Noble Drilling Company Address 432 Philcade
Elevation above sea level at top of casing 3674 feet. Tulsa, Oklahoma
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 2895 to 2900 No. 4, from 4156 to 4188
No. 2, from 3305 to 3310 No. 5, from _____ to _____
No. 3, from 4102 to 4156 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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 & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/8"</u>	<u>50#</u>	<u>8</u>		<u>217'</u>					<u>Surface</u>
<u>9-5/8"</u>	<u>36#</u>	<u>8</u>	<u>Rep.</u>	<u>2827'</u>	<u>Hal'b't'n</u>				
<u>7"</u>	<u>24#</u>	<u>10</u>	<u>Yngstn.</u>	<u>3922'</u>	<u>Halb'tn.</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/8"</u>		<u>150</u>	<u>Halliburton</u>		
<u>9-5/8"</u>	<u>2839-410'</u>	<u>175</u>	<u>do.</u>		
<u>7"</u>	<u>3930'</u>	<u>150</u>	<u>do.</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 4188 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 25th, 1934.
The production of the first 24 hours was 12,600 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. 37 (2)
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Edgar Holt, Driller V.E. Beasley, Driller
J.R. Pearce, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I _____ do hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work that can be determined from available records.

Sworn to before me this 9th _____ Name E. S. Belknap
_____, 1934 Position State Geologist
P. W. C. C. Representing Noble & Company
Notary Public. _____ Company or Operator.

1937

DUPLICATE

MAY 4 1934

APPROVED AS O. K.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Caliche
70	92	22	Sand
92	108	16	Sand & shale
108	125	17	Sand
125	156	31	Sand & shells
156	190	34	Sand
190	204	14	Shells
204	1525	1321	Red bed
1525	1655	130	Anhydrite
1655	1671	16	Potash
1671	2720	1049	Salt-anhydrite
2720	2725	5	Blue shale
2725	2895	170	Anhydrite - Gas at 2895
2895	2915	20	Buff limestone
2915	2976	61	Brown limestone
2976	3017	41	Anhydrite- streaks of lime
3017	3023	6	Anhydrite- broken blue shale
3023	3045	22	Anhydrite
3045	3056	11	Anhydrite & broken soft sandy limestone
3056	3065	9	Anhydrite
3065	3070	5	Brown limestone
3070	3117	47	Anhydrite- little broken lime at 3101
3117	3119	2	Lime
3119	3130	11	Anhydrite
3130	3133	3	Hard grey limestone
3133	3144	11	Anhydrite
3144	3154	10	Soft lime
3154	3176	22	Anhydrite & broken blue shale
3176	3185	9	Soft broken lime
3185	3194	9	Anhydrite, blue shale, & broken lime
3194	3200	6	Anhydrite, blue shale
3200	3205	5	Brown lime
3205	3210	5	Anhydrite
3210	3299	89	Anhydrite, blue shale streaks
3299	3305	6	Anhydrite, broken ls. streaks
3305	3310	5	Bowers oil sand - oil in ditch
3310	3330	20	Anhydrite
3330	3331	1	Lime
3331	3333	2	Anhydrite, streaks of blue shale
3333	3390	57	Anhydrite
3390	3555	165	Anhydrite & streaks of blue shale
3555	3556	1	Ls.
3556	3615	59	Anhydrite
3615	3620	5	Ls.
3620	3637	17	Anhydrite
3637	3645	8	Broken Ls.
3645	3655	10	Anhydrite
3655	3685	30	Sandy ls.
3685	3700	15	Anhydrite
3700	3717	17	Broken sandy ls.
3717	3730	13	Hard broken ls.
3730	3734	4	Red shale
3734	3745	11	Hard broken ls.
3745	3747	2	Red shale
3747	3771	24	Anhydrite - blue shale
3771	3776	5	Anhydrite
3776	3782	6	Lime
3782	3786	4	Anhydrite - shale
3786	3790	4	Ls.
3790	3815	25	Anhydrite, sandy ls.
3815	3842	27	Sandy ls.
3842	3851	9	Broken ls.
3851	3861	10	Ls.
3861	3865	4	Sandy ls.
3865	3877	12	Hard ls.- streaks of anhydrite
3877	3885	8	Anhydrite
3885	3890	5	Sandy ls.
3890	3904	14	Sandy ls., and anhydrite
3904	3921	17	Sandy ls.
3921	3923	2	Hard ls.
3923	3929	6	Broken ls.
3929	3930	1	Ls.
3930	3938	8	Anhydrite-streaks ls.
3938	3950	12	Hard sandy ls.
3950	3960	10	Ls.
3960	3970	10	Anhydrite - broken ls.
3970	3972	2	Ls.
3972	3979	7	Brown ls.
3979	3984	5	Grey ls.
3984	3990	6	Hard grey ls.
3990	3996	6	Brown ls.
3996	4005	9	Grey sandy ls.
4005	4014	9	" " " oil & gas.
4014	4021	7	Brown ls. Oil show
4021	4035	14	Grey ls.
4035	4037	2	Brown ls. Oil show
4037	4043	6	Grey ls.
4043	4049	6	Brown ls. Oil show
4049	4052	3	" " " "
4052	4055	3	Hard grey ls.
4055	4064	9	Brown ls.
4064	4069	5	Hard grey ls.
4069	4077	8	Brown ls.
4077	4080	3	Hard white ls.
4080	4087	7	White ls. Oil stains
4087	4097	10	Grey ls.-Broken white ls. - Oil stains
4097	4099	2	Grey ls.
4099	4102	3	Grey ls. broken with white ls.
4102	4108	6	White ls. Oil stain
4108	4113	5	Grey ls.
4113	4126	13	White ls. - little shale
4126	4144	18	White ls.
4144	4156	12	White ls. Oil stain
4156	4166	10	Saturated white ls.
4166	4170	4	Dark grey ls.
4170	4188	18	White ls. lay.