

DUPLICATE

Form SG 108

N.

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 **SHELL PETROLEUM CORPORATION** Address **Box 996, Wink, Texas**
Send correspondence to **SHELL PETROLEUM CORP.** Address **Box 996, Wink, Texas**
State "D" Well No. **1** in **NW 1/4** of Sec. **24**, T. **18 S**, R. **37 E**, N. M. P. M., **Hobbs** Oil Field **Lea** County.
If State land the oil and gas lease is No. **N.M. 881** Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is **SHELL PETROLEUM CORPORATION**, Address **Box 996, Wink, Texas**
If not state or patented land, give status _____
Drilling commenced **August 8** 19 **34** Drilling was completed **September 25** 19 **34**
Name of drilling contractor **Noble Drilling Company**, Address **Ardmore, Oklahoma**
Elevation above sea level at top of casing **5674** feet.
The information given is to be kept confidential until **Not confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **4068** to **4102** No. 4, from _____ to _____
No. 2, from **4182** to **4190** No. 5, from _____ to _____
No. 3, from **4216** to **4260** 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	
12 1/2"	50	8		225					Spring
9-5/8"	36	8		2802	Larkin				Intermediate
7"	24	10		4030	Baker Guide Shoe	& Float Collar			Oil String

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	225	150	Halliburton	10 lbs.	30 tons
9-5/8"	2802	150	"	10 lbs.	
7"	4030	250	"	12 lbs.	100 tons

PLUGS AND ADAPTERS

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

ACID TREATMENT
~~SHOOTING~~ RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
			1000 gal.	9/14/34	4030-4110	
			1000 "	9/23/34	4104-4202	
			1000 "	9/26/34	4198-4260	

TOOLS USED

Rotary tools were used from **0** feet to **4260** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **October 15** 19 **34**.
The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

Produced at rate of **3952 barrels oil per day plus 12 1/2% B.S. & Drlg. water & 5,000,000 cu. ft. Gas per day on Official Proration Test**

EMPLOYEES

Edgar Holt _____, Driller **John Pierce** _____, Driller
Fred Mound _____, 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 **31st** Name **A. F. A. [Signature]**
day of **October**, 19 **34** Position **District Engineer**
W. P. Davis _____ Representing **SHELL PETROLEUM CORPORATION**
Notary Public. Company or Operator.

My commission expires **June 1, 1935**

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FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	19	19	Cellar
19	30	11	Caliche
30	95	65	Sand
95	102	7	Lime
102	214	112	Sand & Hard Streaks
214	305	91	Red Beds 12½" at 225 W/150 sx
305	335	30	Gypsum
335	371	36	Red Beds & Gypsum
371	760	389	Red Beds & Hard Streaks
760	865	105	Red Beds & Gypsum
865	910	45	Gypsum
910	950	40	Gypsum & Red Beds
950	955	5	Red Beds & Hard Streaks
955	996	41	Gypsum & Red Beds
996	1100	104	Red Beds & Hard Streaks
1100	1109	9	Lime
1109	1165	56	Lime & Sand Streaks of Shale
1165	1215	50	Red Rock & Hard Streaks
1215	1260	45	Lime with Streaks of Shale
1260	1300	40	Gypsum & Streaks of Lime
1300	1390	90	Red Beds & Hard Streaks
1390	1396	4	Sand
1396	1405	9	Gypsum & Streaks of Lime
1405	1487	73	Red Shale, Gypsum & Hard Streaks
1478	1505	27	Red & Blue Shale
1505	1532	27	Shale & Lime
1532	1540	8	Lime
1540	1550	10	Red & Blue Shale
1550	1560	10	Gypsum and Shale
1560	1620	60	Anhydrite
1620	1663	43	Blue & Red Shale & Streaks of Anhydrite
1663	1680	17	Shale
1680	1695	15	Anhydrite & Shale
1695	1763	68	Salt
1763	1781	18	Red Shale
1781	1840	59	Salt & Breaks Red Shale
1840	1905	65	Red Shale & Salt
1905	2390	485	Potash & Salt
2390	2395	5	Hard Lime
2395	2400	5	Salt
2400	2415	15	Lime
2415	2552	137	Salt & Potash
2552	2573	21	Anhydrite, Potash & Shale
2573	2582	9	Red & Blue Shale w/ Streaks of Anhydrite
2582	2590	8	Salt & Potash
2590	2599	9	Lime
2599	2648	49	Anhydrite & Streaks of Salt
2648	2658	10	Salt & Shale
2658	2686	28	Anhydrite & Lime
2686	2715	29	Anhydrite & Lime
2715	2730	15	Lime
2730	2802	72	Lime & Anhydrite
2802	2876	74	Anhydrite 9-5/8" at 2802 W/ 150 sx
2876	2975	99	Brown Lime
2975	2992	17	Broken Lime & Brown Sandy Shale
2992	3060	68	Anhydrite
3060	3078	18	Broken Lime & Sand
3078	3150	72	Anhydrite & Hard Streaks
3150	3158	8	Blue Shale
3158	3197	39	Anhydrite
3197	3256	59	Anhydrite & Gypsum
3256	3261	5	Broken Sand Showing Oil
3261	3286	25	Anhydrite
3286	3291	5	Gypsum
3291	3523	232	Anhydrite
3523	3557	34	Anhydrite & Blue Shale
3557	3715	158	Anhydrite
3715	3783	68	Anhydrite w/ Streaks of Lime
3783	3800	17	Anhydrite & Grey Sandy Lime
3800	3851	51	Grey Sandy Lime & Streaks of Shale
3851	3975	124	Brown Lime
3975	4068	93	Grey Sandy Lime 7" at 4030 W 250 sx
4068	4102	34	Light Brown Lime
4102	4109	7	Grey Lime
4109	4112	3	Brown Lime - Well Saturated
4112	4122	10	Grey Lime
4122	4190	68	Brown Lime - Well saturated
4190	4196	6	White slightly Shaly Pyritic Lime
4196	4202	6	Grey Shaly Sand
4202	4208	6	Sandy Grey Pyritic Shale
4208	4216	8	Grey Lime
4216	4230	14	Greyish Tan Lime - light saturation
4230	4236	6	Light Brown Lime - Fair saturation
4236	4260	24	Brown Lime - Good Saturation
	4260		TOTAL DEPTH