

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 fol-
lowing 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.
W. D. Grimes Well No. 3 in S. W. 1/4 of Sec. 28, T. 18S,
R. 38E, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is W. D. Grimes, Address Hobbs, N.M.
The lessee is Shell Petroleum Corporation, Address Wink, Texas
If not state or patented land, give status _____
Drilling commenced Sept. 29, 1933 Drilling was completed November 4, 1933
Name of drilling contractor Oil Well Drilling Co., Address Hobbs, N.M.
Elevation above sea level at top of casing 3651 feet.
The information given is to be kept confidential until Not Confidential 19____

OIL SANDS OR ZONES

No. 1, from 4046 to 4064 No. 4, from _____ to _____
No. 2, from 4090 to 4122 No. 5, from _____ to _____
No. 3, from 4190 to 4200 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	OUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>15 1/2</u>	<u>70</u>	<u>8</u>	<u>L.W.</u>	<u>229' 8"</u>					
<u>9-5/8"</u>	<u>36</u>	<u>8</u>	<u>S.S.</u>	<u>2737</u>	<u>Baker F.</u>				
<u>7"</u>	<u>24</u>	<u>10</u>	<u>S.S.</u>	<u>3941</u>	<u>"</u>	<u>G.</u>			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>15 1/2</u>	<u>246</u>	<u>150</u>	<u>Halliburton</u>	<u>10 lb.</u>	
<u>9-5/8</u>	<u>2750</u>	<u>150</u>	<u>"</u>	<u>10 lbs.</u>	
<u>7</u>	<u>3955</u>	<u>250</u>	<u>"</u>	<u>12 lbs.</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 4200 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Nov. 15, 1933.
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. _____
Official Proration Test Nov. 14, 1933 454 bbls. oil with 3 1/2 % drilling
water and 14,832,000 cu.ft. of gas through open 3" tubing; 1004 bbls.
of fluid with 3 1/2 % drilling EMPLOYES fluid and 24,067,280 cu.ft. gas
through open casing and tubing.
Charles Kennitz, Driller J. F. Cookston, Driller
H. E. Kennitz, 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 5th Name G. E. Burpee
day of Dec, 1933 Position Field Engineer
W. C. Goodwin Representing Shell Petroleum Corporation
Notary Public. Company or Operator
My commission expires June 22-1934

12-11-33
APPROVED AS O.K.
L. H. Hunter

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	Caliche
45	50	5	Sand
50	124	74	Red Rock
124	127	3	Hard Shells
127	224	97	Sand & Hard Shells
224	246	22	"Red Beds" and hard shells
246	650	404	Red Beds
650	675	25	Shale & Shells
675	1285	610	Red Beds & Shells
1285	1350	65	Broken Lime
1350	1440	90	Broken Lime blue and red shale
1440	1505	65	Broken Lime and red shale
1505	1585	80	Brown shale and streaks of Gypsum
1585	1595	10	Anhydrite
1595	1615	20	Sticky red and blue shale
1615	1617	2	Anhydrite
1617	1665	48	Anhydrite and red and blue shale
1665	1703	38	Anhydrite
1703	1740	37	Brown and blue shale & Anhydrite shells
1740	1770	30	Small streak salt, red rock & brown shale
1770	1785	15	Broken Anhydrite
1785	1865	80	Anhydrite with small streaks salt
1865	2548	663	Salt and Anhydrite shells
2548	2658	110	Anhydrite and streaks salt
2658	2678	20	Anhydrite red shale and small streaks salt
2713	2750	37	Anhydrite and streaks of brown shale
2750	2829	79	Anhydrite (Top Brown Lime 2800)
2829	2850	21	Anhydrite & streaks of soft lime little show of gas
2850	2860	10	Anhydrite and brown shale, broken
2860	2876	16	Soft lime and broken Anhydrite
2876	2883	7	Soft sandy lime
2883	2889	6	Anhydrite
2889	2894	5	Soft sandy lime
2894	2914	20	Anhydrite and sandy lime, broken
2914	2940	26	Anhydrite
2940	2950	10	Anhydrite and sandy lime, broken
2950	3000	50	Sandy Lime
3000	3020	20	Anhydrite
3020	3035	15	Soft sandy lime
3035	3050	15	Anhydrite and sandy lime
3050	3092	42	Anhydrite & streaks brown & blue shale
3092	3125	33	Anhydrite
3125	3133	8	Sandy Lime
3133	3160	27	Anhydrite & Streaks sandy lime
3160	3182	22	Sandy Lime
3182	3192	10	Soft sand (good show of oil & gas)
3192	3226	34	Sandy lime
3226	3281	55	Anhydrite and shale broken
3281	3300	19	Anhydrite and sandy lime
3300	3320	20	Sandy Lime & Anhydrite
3320	3475	55	Anhydrite
3475	3545	70	Anhydrite and streaks of shale
3545	3700	155	Anhydrite
3700	3705	5	Gas sand (gas cleaned hole at 3705)
3705	3708	3	Anhydrite
3708	3738	30	Anhydrite and streaks shale
3738	3755	17	Anhydrite and streaks sandy lime
3755	3797	42	Anhydrite
3797	3809	12	Anhydrite and lime, broken
3809	3811	2	Anhydrite, broken
3811	3816	5	Hard Lime
3816	3825	9	Anhydrite, broken
3825	3841	16	Anhydrite
3841	3850	9	Lime and Anhydrite, broken
3850	3857	7	Lime
3857	3873	16	Anhydrite and lime
3873	3895	22	Lime and Anhydrite Broken
3895	3909	14	Broken Lime and Anhydrite
3909	3920	11	Lime
3920	3941	21	Sandy Lime
3941	3965	22	Sandy Lime
3965	3978	15	Medium hard gray lime
3978	4000	22	Sandy Lime
4000	4026	26	Hard, dense, gray-white lime
4026	4030	4	Dense, Gray-White Lime with trace of Oil Staining
4030	4036	6	Light brown, dense medium hard oil stained lime
4036	4046	10	Dense blue gray lime
4046	4064	18	Soft gray - white lime with light oil staining
4064	4090	26	Medium hard heavily oil stained lime
4090	4122	32	Soft heavily oil stained lime
4122	4128	6	Clastic quartz sand
4128	4132	4	Medium hard, lightly oil stained lime
4132	4140	8	Soft heavily oil stained lime
4140	4190	50	Hard, lightly saturated lime
4190	4200	10	Soft, well saturated lime
4200			Total depth