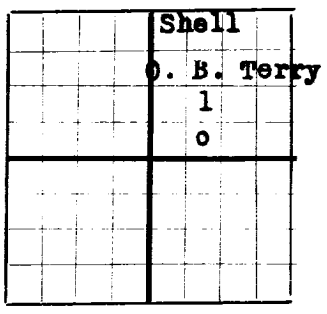
Form SG 108

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE L[illegible] OFFICE
SANTA FE, NEW M[illegible]ICO

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 Wink, Texas.

Send correspondence to E. L. Davenport Address Wink, Texas.

O. B. Terry Well No. 1 in W½ NE¼ of Sec. 22, T. 19s

R. 36E, 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 O. B. Terry, Address Hobbs, N. M.

The lessee is Shell Petroleum Corporation, Address Wink, Texas.

If not state or patented land, give status ———

Drilling commenced May 11, 1929. Drilling was completed 11-25 1929

Name of drilling contractor R. S. Schroeder (rotary), Address Dallas, Texas.

Elevation above sea level at top of casing 3828 feet.

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

OIL SANDS OR ZONES

No. 1, from 3336 to 3338 No. 4, from ——— to ———

No. 2, from 4195 to 4197 No. 5, from ——— to ———

No. 3, from 4207 to 4218 No. 6, from ——— to ———

IMPORTANT WATER SANDS

No. 1, from 67 to 95 No. 3, from 4236 to 4238

No. 2, from 317 to 325 No. 4, from ——— to ———

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
20	90	8	Etna	121	T. P.				Surface
13½	50	8	Etna	1567	T. P.	600			Water
8 5/8	32	8	J & L	3361	T. P.	2650			Salt
6 5/8	24	10	S. S.	4074	T. P.	2700			Flow

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
20	121	60	Halliburton	1.09	Hole full
13½	1567	600	Halliburton	1.35	Hole full
8 5/8	3361	200	Halliburton	1.35	Hole full
6 5/8	4074	100	Halliburton	———	None

PLUGS AND ADAPTERS

Heaving plug—Material Lead Wool Length 8 Depth Set 4230

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 3361 feet, and from ——— feet to ——— feet

Cable tools were used from 0 feet to 1300 feet, and from 3361 feet to 4230 feet

PRODUCTION

Put to producing DRY, 19

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 ———

EMPLOYES

Bernard Gleason, Driller E. F. Jones, Driller

Frank Kellerman, Driller Jack Sprinkle, 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 14th day of January, 1930

Alice E. Hannah
Notary Public

My commission expires June 1st, 1931

Name E. H. Van Deventer

Position Dist. Engineer

Representing Shell Pet. Corp.
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
DRILLERS LOG			
0	20	20	Surface soil
20	57	37	Hard Lime
57	102	45	Sand rock
102	110	8	Quick sand
110	130	20	Sand & gravel
130	145	15	Red shale and gravel 15½" at 155' pulled
145	300	155	Red beds
300	305	5	Blue shale
305	317	12	Red shale
317	325	8	Brown sand (Water
325	400	75	Red rock
400	405	5	Lime
405	412	7	Blue shale
412	425	13	Sandy lime
425	430	5	Brown shale
430	433	3	Lime
433	450	17	Red sand rock
450	825	375	Red shale 12½" at 494' Pulled
825	855	30	Brown sandy shale
855	940	85	Red shale
940	960	20	Brown shale
960	995	35	Grey sand
995	1010	15	Red shale
1010	1045	35	Red rock
1045	1090	45	Red shale
1090	1112	22	Red bed
1112	1200	88	Red shale
1200	1206	6	Hard sand
1206	1238	32	Red rock and shale
1238	1308	70	Red rock and hard sandy shale
1308	1322	14	Sand rock
1322	1334	12	Red rock and shale
1334	1339	5	Hard sand
1339	1353	14	Hard sand and red rock
1353	1359	6	Hard sand
1359	1389	30	Hard sand and lime
1389	1400	11	Hard sand
1400	1408	8	Grey hard sand
1408	1418	10	Sandy lime
1418	1469	51	Sand and red rock
1469	1487	18	Red rock and shale
1487	1529	42	Red rock and sand
1529	1556	27	Hard sandy shale
1556	1570	14	Anhydrite 12½" at 1567. Cement
1570	1585	15	Red rock
1585	1598	13	Anhydrite and red rock
1598	1637	39	Anhydrite and shale
1637	1702	65	Anhydrite
1702	1726	24	Anhydrite and red shale
1726	1732	6	Salt
1732	1860	128	Salt and anhydrite
1860	1889	29	Salt
1889	1920	31	Salt and anhydrite
1920	1945	25	Anhydrite
1945	1994	49	Salt and anhydrite
1994	2002	8	Salt
2002	2008	6	Anhydrite
2008	2146	138	Salt
2146	2190	44	Salt and anhydrite
2190	2210	20	Anhydrite
2210	2300	90	Salt
2300	2310	10	Anhydrite
2310	2405	95	Salt
2405	2415	10	Anhydrite
2415	2450	35	Salt
2450	2455	5	Anhydrite
2455	2470	15	Salt
2470	2472	2	Potash
2472	2480	8	Anhydrite
2480	2513	33	Salt
2513	2534	21	Anhydrite
2534	2569	35	Salt, stringer of potash
2569	2605	36	Salt
2605	2620	15	Anhydrite
2620	2648	28	Salt
2648	2660	12	Anhydrite
2660	2670	10	Salt
2670	2730	60	Anhydrite
2730	2735	5	Salt
2735	2854	119	Anhydrite
2854	2856	2	Salt
2856	2939	103	Anhydrite
2939	2955	16	Brown lime. Top buff lime by contact core 2939'
2955	2958	3	Anhydrite and brown shale
2958	2980	22	Anhydrite and lime
2980	2993	13	Lime
2993	3008	15	Lime, stringer of anhydrite
3008	3026	18	Lime
3026	3028	2	Sandy lime, show gas and oil
3028	3036	8	Lime
3036	3040	4	Sandy lime
3040	3062	22	Anhydrite and lime
3062	3080	18	Lime
3080	3105	25	Anhydrite
3105	3106	3	Lime
3106	3119	13	Anhydrite
3119	3121	2	Lime
3121	3200	79	Anhydrite
3200	3210	10	Anhydrite; trace red beds
3210	3230	20	Anhydrite; trace gray shale
3230	3240	10	Anhydrite and little gyp; trace red beds
3240	3250	10	Gyppy anhydrite dolomite 10%; gray shale 5% trace red beds; anhydriet and gyp 85%
3250	3260	10	Anhydrite; trace dolomite
3260	3280	20	Anhydirte
3280	3300	20	Impure lime 5%; anhydrite 90%; red beds 5%
3300	3310	10	Impure anhydrite dolomite 10%; anhydrite and gyp 90%; trace sand
3310	3330	20	Impure gyppy dolomite 15%; anhydrite and gyp 85% trace sand
3330	3340	10	Impure gyppy dolomite 10%; anhydrite and gyp 90%
3340	3360	10	Anhydrite and gyp partly dolomite (5% dolomite)
3360	3370	10	Trace lime; anhydrite and gyp and dolomite 95%