



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 .....

Send correspondence to **Shell Petroleum Corp** Address **Wink, Texas.**

State **36 E** Well No. **1-A** in **3 1/4 NE 1/4** of Sec. **32**, T. **18S**  
**36 E**, N. M. P. M., **Hebbs** Oil Field **Lee** County.

If State land the oil and gas lease is No. **520** Assignment No. **-**

If patented land the owner is ..... Address .....

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

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

Drilling commenced **March 4,** 19 **30** Drilling was completed **June 9,** 19 **30**

Name of drilling contractor **T. S. Schroeder** Address **Dallas, Texas.**

Elevation above sea level at top of casing **3650** feet.

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

DEPTH	FORMATION	REMARKS
2767	Lime-Gas	OIL SANDS OR ZONES
3130-3144	Sand Pay test	2750/18 hrs 4085-4155 porous lime - prob pay
3177-3185	Sand oil show	No. 4, from 4158-4157 " to " " "
3677-3678	Lime Show gas	No. 5, from 4159-4175 " to " " "
3930-3932	porous Lime Show oil	
3985-3986	porous Lime Show oil	No. 6, from ..... to .....
4000-4004	Cavity-well blow out -Est	2500 b/d plus 25 million gas
4040-4088	porous Lime - probable pay	
4073-4079	" " IMPORTANT WATER SANDS	
4088-4092	" " " "	
No. 1, from 104	" " " "	No. 3, from 122 to .....
No. 2, from .....	" " " "	No. 4, from .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM TO	PURPOSE
1 1/2 "	50	8	J & L	222	T. S.			Wire String
9 "	2 3/4	8	J & L	2755				Salt protection
7 "	24	10	J & L	3850				Flow String

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
1 1/2 "	222	155	Haliburton		Hole Full
9 "	2755	600	Haliburton		Hole Full
7 "	3850	200	Haliburton		Hole Full

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 **4175** feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing **June 11** 19 **30**

The production of the first **two** hours was **344** barrels of fluid of which **50** % was oil; **50** % emulsion; **4.334** % water; and ..... % sediment. Gravity, Be. **35.2** @ **60**

If gas well, cu. ft. per 24 hours **39,000,000** Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in. **1400#** closed in.....

EMPLOYEES

**L. M. Jackson** ..... Driller ..... Driller

**T. P. Denny** ..... 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..... Name .....

day of....., 19..... Position.....

Notary Public Representing.....

FORMATION RECORD

From	to	Thickness in Feet	Formation
2	22	20	Caliche
25	30	5	Sand
30	32	2	Sand Rock
32	61	29	Sand
61	64	3	Sand Rock
64	99	35	Sand & Gravel
99	104	5	Flint Rock
104	122	18	Water Sand
122	192	70	Sand & Gravel
192	540	348	Red Beds
540	600	60	Red Beds & Streaks of Sandy Shale
600	640	40	Red Shale & Sand
640	783	143	Red Shale
783	912	129	Red Rock
912	1039	127	Red Beds & Streaks of Sand
1039	1140	101	Sand & Shale
1170	1194	24	Red Beds
1194	1210	16	Red Bed & Hard Sand
1210	1245	35	Hard Sand Rock
1245	1301	56	Sand Rock
1301	1302	1	Shale
1302	1355	53	Red Bed & Red Rock
1355	1368	13	Sand Rock
1368	1380	12	Sand & Shale
1380	1383	3	Sand Rock
1383	1450	67	Sand & Shale
1450	1456	6	Sands & Streaks of Anhydrite
1456	1474	18	Hard Sand
1474	1575	101	Anhydrite
1575	1586	11	Red Rock & Red Bed
1586	1602	16	Anhydrite
1602	1627	25	Anhy & streaks of Red Bed
1627	1637	10	Anhydrite
1637	1641	4	Salt
1641	1658	17	Salt & Anhy
1658	1680	22	Anhy
1680	1780	100	Salt & Streaks of Anhy
1780	1785	5	Potash
1785	1800	15	Salt & Anhy
1800	1820	20	Salt
1820	1828	8	Potash
1828	1890	62	Salt & Potash
1890	1910	20	Salt
1910	1918	8	Potash
1918	1949	31	Anhydrite
1949	2001	52	Salt & Potash
2001	2220	219	Anhydrite
2220	2241	21	Anhydrite
2241	2318	77	Salt & Anhy
2318	2352	34	Anhy
2352	2362	10	Salt
2362	2498	136	Salt & Anhy
2498	2504	6	Potash
2504	2511	7	Salt & Anhy
2511	2610	99	Anhy
2610	2614	4	Salt
2614	2655	41	Anhydrite
2655	2667	12	Anhydrite
2667	2685	18	Anhy
2685	2709	24	Anhy & Red Shale
2709	2721	12	Anhy & Potash
2721	2761	40	Anhydrite
2761	2765	4	Brown Lime & Anhy
2765	2911	146	Lime & anhy
2911	3138	227	Brown Lime
3138	3144	6	Sand - Show oil pay test 279 bbls - 18 hrs
3144	3148	4	Lime Hard
3148	3151	3	Sand
3151	3161	10	Anhy
3161	3163	2	Shale
3163	3177½	14½	Anhy, thin streaks lime
3177½	3185	8	Sand - saturated with oil
3185	3191½	6½	Shaley sand - slightly saturated with oil
3191½	3207	15½	Anhydrite - interbedded with sand-lime-red bed
3207	3227	20	Anhy & Red Bed
3227	3229	2	Red Sandy Shale
3229	3241½	12	Anhydrite
3241½	3242½	1	Brown Sandy Shale
3242½	3247	4½	Sandy & Shaley Anhy
3247	3249	2	Red Shale
3249	3261	12	Anhydrite
3261	3262	1	Grey & Red Shale
3262	3278	16	Anhy & Red Shale
3278	3316	38	Anhy & Streaks of Red Bed
3316	3317½	1½	Grey Lime
3317½	3335	17½	Anhydrite
3335	3340	5	Anhy with bands of lime
3340	3350	10	Anhy
3350	3355	5	Red Shale
3355	3510	155	Anhy - streaks of Red shale
3510	3514	4	Anhy & Grey Lime
3514	3515½	1½	Hard calcareous grey shale
3515½	3522	6½	Anhy & grey shale
3522	3532	10	Grey Lime
3532	3560	28	Anhydrite
3560	3580	20	Grey Lime
3580	3585	5	Anhydrite
3585	3686	101	Lime
3686	3670	16	Anhydrite
3670	3944	274	Lime
3944	3955	11	Sandy lime
3955	4040	85	Percus lime
4040	4058	18	" "
4058	4072	14	Hard lime
4072	4078	6	Percus lime
4078	4080	2	Hard lime
4080	4082	2	Percus Lime
4082	4083	1	Hard lime
4083	4135	52	Percus Lime
4135	4138	3	Hard lime
4138	4159	21	" "

increase in gas 3677-78  
7" com @ 3850  
showing of oil 3895-3896  
" " " 3930-3932  
" " " 3965-85  
Inc gas 4000-4004 well blow out 4004  
est 2500 bbl oil 25 million gas  
probable pay