

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 fol-
lowing it with (?). Submit in duplicate.

Company SHELL PETROLEUM CORPORATION Address HOUSTON TEXAS
Send correspondence to Shell Petroleum Corp. Address Box 996, Wink, Texas.
Sanger Inv. Co. Well No. 2 in SW 1/4 of Sec. 27, T. 18-S
38-E, N. M. P. M., Hobbs Oil Field Lee County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Sanger Investment Co Address Dallas Texas.
The lessee is Shell Petroleum Corporation Address Houston Texas.
If not state or patented land, give status _____
Drilling commenced 12-3 19 34 Drilling was completed 1-19 19 35
Name of drilling contractor Noble Drilling Co Address Ardenore, Okla.
Elevation above sea level at top of casing 5643 Prk feet.
The information given is to be kept confidential until Not Confidential 19 _____.

OIL SANDS OR ZONES

No. 1, from 4108 to 4123 No. 4, from _____ to _____
No. 2, from 4175 to 4215 No. 5, from _____ to _____
No. 3, from _____ to _____ 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	
¹⁵ <u>12 1/2</u>	<u>50</u>	<u>8</u>	<u>S.H.</u>	<u>253</u>					<u>Surface Csg.</u>
^{12 1/4} <u>9-5/8</u>	<u>44</u>	<u>8</u>	<u>S.H.</u>	<u>1648</u>	<u>Baker</u> <u>Float</u>				<u>Conductor</u>
^{8 5/8} <u>7</u>	<u>24</u>	<u>10</u>	<u>YOUNG</u>	<u>4060</u>	<u>Baker</u> <u>Guide</u>				<u>Oil String</u>

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2</u>	<u>253</u>	<u>700</u>	<u>Haliburton</u>	<u>11 1/2 per Gal</u>	<u>30</u>
<u>9-5/8</u>	<u>1648</u>	<u>250</u>	<u>Haliburton</u>	<u>11 1/2 per Gal</u>	<u>30</u>
<u>7"</u>	<u>4060</u>	<u>250</u>	<u>Haliburton</u>	<u>11 1/2 per Gal</u>	<u>100</u>

PLUGS AND ADAPTERS

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

ACID TREATING

RECORD

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	219		Sand and caliche
219	230		Red Beds
230	475		Red Beds and hard streaks
475	1200		Red Beds and shale
1200	1253		Red Beds
1253	1350		Shale and Red Beds
1350	1436		Shale and hard streaks
1436	1455		Sticky shale and hard streaks
1455	1527		Shale and hard streaks
1527	1555		Shale
1555	1593		Sandy shale
1593	1608		Shale and anhydrite
1608	1636		Broken Anhydrite
1636	1648		Anhydrite S. L. M.
1648	1725		Anhydrite
1725	1729		Gypsum
1729	1772		Anhydrite
1772	1820		Shale & Anhydrite
1820	1871		Shale & salt
1871	1877		Shale and anhydrite
1877	1956		Salt
1956	1953		Salt & anhydrite
1953	1998		Salt
1998	2001		Salt
2001	2014		Shale
2014	2157		Anhydrite & Salt
2157	2276		Salt
2276	2309		Salt & Anhydrite
2309	2510		Anhydrite & Salt
2510	2647		Salt
2647	2668		Anhydrite
2668	2690		Anhydrite & Salt
2690	2694		Gypsum
2694	2707		Shale
2707	2757		Anhydrite & Shale
2757	2989		Anhydrite
2989	3011		Anhydrite with streaks sand & shale
3011	3062		Anhydrite
3062	3074		Sand & Anhydrite
3074	3189		Anhydrite
3189	3231		Anhydrite & Gypsum
3231	3269		Anhydrite
3269	3300		Anhydrite & Gypsum
3300	3316		Gypsum
3316	3355		Anhydrite
3355	3385		Anhydrite & Gypsum
3385	3455		Anhydrite
3455	3466		Shale
3466	3479		Anhydrite
3479	3521		Anhydrite & Shale
3521	3527		Anhydrite
3527	3561		Anhydrite
3561	3578		Shale
3578	3584		Anhydrite
3584	3603		Anhydrite & Shale
3603	3625		Anhydrite
3625	3698		Anhydrite with streaks shale
3698	3744		Anhydrite with stks gypsum
3744	3776		Gypsum & Anhydrite
3776	3933		Anhydrite
3933	3964		Anhydrite with streaks lime
3964	3980		Anhydrite
3980	3990		Calcareous sand
3990	4005		Anhydrite
4005	4060		Sandy Lime SLM
4060	4108		Gray sandy lime
4108	4160		Light gray lime
4160	4175		Light gray lime
4175	4215		White lime
4215	4228		Light gray lime

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Company **SHELL PETROLEUM CORPORATION** Address **HOUSTON TEXAS**
Send correspondence to **Shell Petroleum Corp.** Address **Box 996, Wink, Texas.**
Sanger Inv. Co. Well No. **2** in **SW 1/4** of Sec. **27**, T. **18-S**
R. **38-E**, 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 **Sanger Investment Co** Address **Dallas Texas.**
The lessee is **Shell Petroleum Corporation** Address **Houston Texas.**
If not state or patented land, give status _____
Drilling commenced **12-3** 19 **34** Drilling was completed **1-19** 19 **35**
Name of drilling contractor **Noble Drilling Co** Address **Ardmore, Okla.**
Elevation above sea level at top of casing **3643 Brk** feet.
The information given is to be kept confidential until **Not Confidential** 19 ____.

OIL SANDS OR ZONES

No. 1, from **4108** to **4123** No. 4, from _____ to _____
No. 2, from **4175** to **4215** No. 5, from _____ to _____
No. 3, from _____ to _____ 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	S.H.	233					Surface Casg.
9-5/8	44	8	S.H.	1648	Baker Pilot				Conductor
7	24	10	YOUNG	4060	Baker Guide				Oil String

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	233	700	Haliburton	11 1/2 per Gal	30
9-5/8	1648	350	Haliburton	11 1/2 per Gal	30
7"	4060	350	Haliburton	11 1/2 per Gal	100

PLUGS AND ADAPTERS

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

ACID TREATING

/SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
			3000 Gal	1-22	4000-4224	
			3000 Gal	1-26	4000-4224	

TOOLS USED

Rotary tools were used from **0** feet to **4228** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **February 1** 19 **35**.
The production of the first 24 hours was **6200** barrels of fluid of which **97.40** % was oil; _____ %
emulsion; _____ % water; and **2.6** % 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. _____
Production based on official proration test.

EMPLOYES

M. L. Jones _____, Driller **Roy Ware** _____, Driller
A. F. Hopkins _____, 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 **R. J. Schuelke**
day of _____, 19 _____ Position **District Engineer**
Representing **SHELL PETROLEUM CORP.**
Notary Public. _____ Company or Operator. _____

My commission expires _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	219		Sand and caliche
219	230		Red Beds
230	475		Red Beds and hard streaks
475	1200		Red Beds and shale
1200	1253		Red Beds
1253	1350		Shale and Red Beds
1350	1436		Shale and hard streaks
1436	1455		Sticky shale and hard streaks
1455	1527		Shale and hard streaks
1527	1555		Shale
1555	1593		Sandy shale
1593	1608		Shale and anhydrite
1608	1638		Broken Anhydrite
1638	1648		Anhydrite S. L. M.
1648	1725		Anhydrite
1725	1729		Gypsum
1729	1772		Anhydrite
1772	1820		Shale & Anhydrite
1820	1871		Shale & salt
1871	1877		Shale and anhydrite
1877	1956		Salt
1956	1953		Salt & anhydrite
1953	1998		Salt
1998	2001		Salt
2001	2014		Shale
2014	2187		Anhydrite & Salt
2187	2276		Salt
2276	2309		Salt & Anhydrite
2309	2510		Anhydrite & Salt
2510	2647		Salt
2647	2668		Anhydrite
2668	2690		Anhydrite & Salt
2690	2694		Gypsum
2694	2707		Shale
2707	2757		Anhydrite & Shale
2757	2989		Anhydrite
2989	3011		Anhydrite with streaks sand & shale
3011	3062		Anhydrite
3062	3074		Sand & Anhydrite
3074	3189		Anhydrite
3189	3231		Anhydrite & Gypsum
3231	3269		Anhydrite
3269	3300		Anhydrite & Gypsum
3300	3316		Gypsum
3316	3353		Anhydrite
3353	3386		Anhydrite & Gypsum
3386	3455		Anhydrite
3455	3466		Shale
3466	3479		Anhydrite
3479	3521		Anhydrite & Shale
3521	3527		Anhydrite
3527	3561		Anhydrite
3561	3578		Shale
3578	3584		Anhydrite
3584	3603		Anhydrite & Shale
3603	3625		Anhydrite
3625	3698		Anhydrite with streaks shale
3698	3744		Anhydrite with streaks gypsum
3744	3776		Gypsum & Anhydrite
3776	3833		Anhydrite
3833	3864		Anhydrite with streaks lime
3864	3880		Anhydrite
3880	3990		Calcareous sand
3990	4005		Anhydrite
4005	4060		Sandy Lime GLM
4060	4108		Gray sandy lime
4108	4160		Light gray lime
4160	4175		Light gray lime
4175	4215		White lime
4215	4228		Light gray lime
			Top Anhydrite 1623
			Top Salt 1772
			Base Salt 2690
			Base Anhydrite 4005
			Top White Lime 4108