

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Petroleum Corp

Box 2099, Houston, Texas.

Company Address
Send correspondence to Address
Sanger Inv. Co Well No. 3 in NW 1/4 SW 1/4 of Sec. 27 T. 18-S

38E

Hobbs

Lea

R., N. M. P. M., Oil Field County.

If State land the oil and gas lease is No. Assignment No.
Sanger Investment Co

If patented land the owner is Address
Shell Petroleum Corporation

The lessee is Address
Houston Texas

If not state or patented land, give status
May 8

Drilling commenced 1935 Drilling was completed June 4 1935

Name of drilling contractor Farley & Rains Drilling Co Address Midland, Texas.

Elevation above sea level at top of casing 3638 feet.

The information given is to be kept confidential until Not Confidential 19.....

OIL SANDS OR ZONES

4165

4223

No. 1, from to No. 4, from to

No. 2, from to 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		240	Belled It				Surface CSg
9-5/8	40.60	8		1628	Baker Cement Float Shoe				Conductor String
7"	28	10		4059	Baker Cement Float Shoe				Oil String

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	237	155	Halliburton	10# per gall	1 1/2 Tons Aquagel
9-5/8	1645	200	"	11# per gall	
7"	4075	250	"	10# per gall	1 1/2 Tons Aquagel

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

Acidizing

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
			2000 Gall	6-6-35		
			6000 Gall	6-8-35		

TOOLS USED

Rotary tools were used from 0 feet to 4223 feet, and from feet to feet

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

PRODUCTION

Put to producing June 15 1935

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.

Flowe at rate of 12,705 bbls oil per day, plus 21,200,000 cu ft gas on official proration test on June 14, 1935

EMPLOYEES

H. T. Marshall

E. Hailes

T. Tomlinson

Driller

Driller

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
District Engineer

day of 19..... Position
Shell Petroleum Corp.

Representing
Notary Public. Company or Operator.

My commission expires

DUPLICATE

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	19	19	Cellar
19	40	21	Calache
40	55	15	Sand and Calache
55	85	30	Calache
85	230	145	Sand and gravel
230	700	470	Red Beds
700	800	100	Sand Stone
800	1617	817	Red Beds w/ hrd stks
1617	1624	7	Anhy. w stks red beds
1624	1680	56	Anhy
1680	1692	12	Anhy w/stks red beds
1692	1766	74	Anhy.
1766	1960	196	Red Beds and Anhy
1960	2006	46	Salt
2006	2020	14	Anhydrite and gypsum
2020	2080	60	Salt
2080	2095	15	Anhy
2095	2135	40	Salt & Anhy
2135	2148	13	Anhy
2148	2344	196	Salt
2344	2615	271	Salt & Anhy
2615	2723	108	Anhy w/stks Gypsum
2723	3451	728	Anhy
3451	3836	385	Anhy w/stks sand
3836	3841	5	Sand Shwoing gas
3841	3941	100	Anhy.
3941	4025	100	Anhy. w/stks sand
4025	4085	60	Grey sandy lime
4085	4100	15	Grey sandy ls. w/stks crystalline ls.
4100	4110	10	White Crysta. ls w/stks sandy ls.
4110	4223	15	Lt. Grey Sandy ls. w/stks cryst. ls.
4223	4130	5	Lt. Grey Sandy ls. w/stks Crystalline ls.
4130	4135	5	Lt. Grey sandy ls. w/stks crystalline ls.
4135	4145	10	White Crystalline ls.
4145	4165	20	White Crysta. ls. w/trace oil Storage.
4165	4175	10	Wh. Crysta. ls. w/Lt. Stain of oil
4175	4195	20	Wh. Crysta. ls Stained Lt brown w/oil
4195	4215	20	Wh. Crysta. ls Stained tan w/oil
4215	4223	8	White Crystalline ls. w/Lt. Stain of oil
			Top Anhydrite 1617
			First Salt 1960
			Base Salt 2615
			Base Anhydrite 4025
			Top White Lime 4135
			Top Pay 4175
			Total Depth 4223