

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Company or Operator Landmark Address 577, Princeton, N.J.
Well No. 1 in 1st 4 of Sec. 3 T. 18
Lease
R. 34.5 N. M. P. M. vacuum Field, vac County.
Well is 330 feet south of the North line and 330 feet west of the East line of said lot
If State land the oil and gas lease is No. 11469 Assignment No. 1
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is _____ Address _____
Drilling commenced August 24, 1948 Drilling was completed September 23, 1948
Name of drilling contractor Garner Drilling Co. Address Albany, New Mexico
Elevation above sea level at top of casing 4040 feet.
The information given is to be kept confidential until not confidential 19____

OIL SANDS OR ZONES

No. 1, from 300' tailing to 4030' No. 4, from _____ to _____
No. 2, from 4550' 7000' saturation to 4800' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
<u>8-5/8"</u>	<u>28</u>	<u>8</u>	<u>used</u>	<u>75'</u>					<u>surface</u>
<u>5-1/2"</u>	<u>17</u>	<u>8</u>	<u>"</u>	<u>4234'</u>					<u>production</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8-5/8"</u>	<u>775'</u>	<u>350</u>	<u>Halliburton</u>	<u>regulated to surface</u>	
<u>7-3/8"</u>	<u>5-1/2"</u>	<u>4234'</u>	<u>400</u>			

(200 sacks at bottom thru 7-3/8" tool joints and 7200' ADAPTERS)

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

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<u>15% HCL</u>	<u>2500</u>	<u>1-23-48</u>	<u>4234' to 4700'</u>	<u>to top</u>
		<u>15% HCL</u>	<u>6000</u>	<u>1-24-48</u>	<u>4234'</u>	<u>"</u>
		<u>"</u>	<u>500</u>	<u>1-25-48</u>	<u>4235'</u>	<u>"</u>
		<u>15% J</u>	<u>2000</u>	<u>1-25-48</u>	<u>"</u>	<u>"</u>

Results of shooting or chemical treatment _____
First 2 treatments gave increase of 45%. Last 3 treatments tripled production.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 4700 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing September 22, 1948
The production of the first 24 hours was 75 barrels of fluid of which 75 % was oil; 25 % 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. 500
(Well finally settled to 25 bbls. daily.)

EMPLOYEES

A. K. Germany Driller A. K. Germany Driller
C. B. Moon Driller C. B. Moon 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 10th day of December, 1948 at Princeton Place 12-10-48 Date
Name Gordon M. Cone

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	46	46	pelitic
46	188	142	surface & redbed
188	1115	927	redbed
1115	1241	66	" and shales
1131	1320	197	redbed
1380	1481	101	" "
1481	1577	117	"
1598	1700	102	anhydrite
1700	1817	117	with anhydrite streaks
1817	2021	204	shale
2015	2630	615	"
2630	2778	148	"
2778	2811	33	anhydrite
2781	2815	34	" , s. clay, shales
2915	3079	164	anhydrite and clay
3042	3122	80	" and clay
3122	3586	464	" and clay
3566	3608	42	"
3608	3660	52	" and clay
3660	3708	48	" and clay
3688	3708	20	" and clay
3708	3746	38	"
3746	3841	95	" and clay
3746	3892	146	"
3892	4023	131	shale
4023	4062	39	anhydrite and clay
4062	4701	639	shale