

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

AUG 29 1950

OIL CONSERVATION COMMISSION
OFFICE

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 TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

MESA RETAILERS, INC., Artesia, New Mexico - Stanolind State

State _____ Well No. 2 Company or Operator _____ Lease _____
in Lot 1 of Sec. 4, T. 16-South
R. 34-East, N. M. P. M., Vacuna Field, Lee County.
Well is 330 feet south of the North line and 990 feet west of the East line of Section 4 -18S-34E,
If State land the oil and gas lease is No. B-11468 Assignment No. _____
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is Mesa Retailers, Inc., Address Artesia, New Mexico
Drilling commenced April 19th 19 50 Drilling was completed July 15th, 1950 19
(Put on production & pump 8/15/50)
Name of drilling contractor Paton Brothers Address Artesia, New Mexico.
Elevation above sea level at top of casing 4076 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 3492-3497 to _____ No. 4, from _____ to _____
No. 2, from 4590-4604 to _____ 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 -0- (175-200) 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>32#</u>			<u>1685'</u>				
<u>5-1/2"</u>				<u>4435'</u>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8-5/8"</u>	<u>1685'</u>	<u>500</u>	<u>Halliburton</u>		
<u>6"</u>	<u>5-1/2"</u>	<u>4435'</u>	<u>100</u>	<u>G. C. Denton Cementing Co.</u>		

PLUGS AND 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>Acid</u>	<u>1000 Gals.</u>	<u>7/17</u>	<u>4590-4604</u>	
		<u>Acid</u>	<u>4000 Gals.</u>	<u>7/18</u>	<u>4590-4605</u>	<u>4751</u>
		<u>Glycerin</u>		<u>7/21</u>	<u>4586-4651</u>	<u>4751</u>

Results of shooting or chemical treatment Well making approx. 40 bbls. before acidizing
and shooting - now making approximately 65 bbls. per day.

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 1685' feet, and from _____ feet to _____ feet.
Cable tools were used from 1685' feet to 4751' feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing August 15th, 1950. 19 _____
The production of the first 24 hours was 65 barrels of fluid of which 100 % 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. _____

EMPLOYEES

Roy Johnson Driller Bob Cockburn Driller
A. M. Paton Driller A. L. Way 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 29th Artesia, New Mexico 8/29/50
Place Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	3	3	Soil
3	30	27	Caliche
30	150	120	Sand & Gravel
150	175	25	Red Clay
175	200	25	Water Sand
200	262	62	Clay
262	350	88	Sand
350	440	90	Red Bed
440	500	60	Gray & Blue Shale
500	530	30	Sand
530	560	30	Gray Shale
560	850	290	Red Bed
850	900	50	Sandy Shale
900	1095	195	Red Bed
1095	1125	30	Sand & Shells
1125	1160	35	Red Bed
1160	1263	103	Shale & Shells
1263	1354	91	Red Bed
1354	1442	88	Hard Sand
1442	1525	83	Red Bed
1525	1614	89	Hard Sand
1614	1659	45	Anhydrite
1659	1662	3	Salt
1662	1679	17	Anhydrite
1679	1680	1	Salt
1680	1710	30	Anhydrite
1710	1725	15	Red Beds
1725	1750	25	Anhydrite
1750	1825	75	Salt
1825	1835	10	Anhydrite
1835	2035	200	Salt
2035	2047	12	Red Bed
2047	2145	98	Salt
2145	2167	22	Red Bed
2167	2250	83	Salt
2250	2300	50	Anhydrite
2300	2350	50	Salt
2350	2400	50	Red Shale
2400	2610	210	Salt
2610	2660	50	Anhydrite
2660	2745	85	Salt
2745	3120	375	Anhydrite
3120	3140	20	Brown Lime
3140	3255	115	Anhydrite
3255	3288	33	Blue Sandy Shale (Caving)
3288	3482	94	Anhydrite
3482	3497	15	Lime (Oil show 3492-3497')
3497	3502	5	Red Bed
3502	3510	8	Brown Lime
3510	3590	80	Anhydrite
3590	3600	10	Blue Sandy Shale (Caving)
3600	3910	310	Anhydrite
3910	3925	15	Red Sand
3925	4075	150	Anhydrite
4075	4590	515	Lime
4590	4604	14	Sandy Lime (Oil show)
4604	4722	118	Lime
4722	4727	5	Dark Gray Lime
4727	4731	4	White Lime
4731	4735	4	Lime
4735	4744	9	White Lime
4744	4751	7	Lime - TOTAL DEPTH.