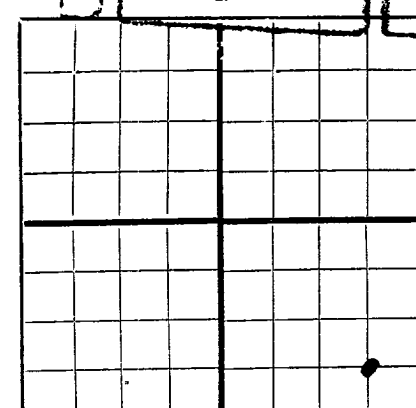
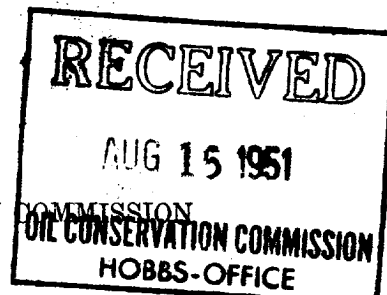




AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION
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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Olsen Blount Oil Co. **Drawer 'Z' Jal, New Mexico**
Company or Operator Address
Legal Well No. **1** in **31 31** of Sec. **31**, T. **25S**
Lease
R. **37E**, N. M. P. M., **Cooper-Jal** Field, **Lea** County.
Well is **660** feet **North** of the **South** line and **660** feet west of the East line of **Sec. 31-25S-37E**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **M. F. Legal**, Address.
If Government land the permittee is, Address.
The Lessee is **Olsen Blount Oil Co.**, Address.
Drilling commenced **12-12-51** 19. Drilling was completed **8-10-51** 19.
Name of drilling contractor **Olsen Blount Drilling Co.**, Address **Drawer 'Z' Jal, New Mexico**
Elevation above sea level at top of casing **2994** feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from **3114** to **3123** No. 4, from to
No. 2, from 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 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	OUT & FILLED FROM	PER FORATED		PURPOSE
							FROM	TO	
8-5/8	24.4	8rd	Natl	298	HOWCO				Surface Casing
5 1/2	15.5	8rd	Natl	3124			3105	3110	Oil String
							3114	3129	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4	8 5/8	298'	150	HOWCO		
7 7/8	5 1/2	3133	400	2-staged -250 sacks at shoe - 150 thru 2-stage tool Set at 1130'		

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
4 3/4	3"	Nitro	110 lbs	7-24-51	3113-3198	3198
		15% RLT Acid	1000 Gals	7-26-51	3210-3254	
		15% RLT Acid	250 Gals	8-1-51	3121-3129	
		20% RLT Acid	1000 Gals	8-9-51	3114-3123	

Results of shooting or chemical treatment
Shot & Acid 7-24-51 7-26-51 8-1-51 8-6-51, No. Oil. Acid 8-9-51 450 Bbls. fluid
65% water 35% oil 1,260 MCFFD

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 **300** feet to **3254** feet, and from feet to feet
Cable tools were used from **0** feet to **300** feet, and from feet to feet

PRODUCTION

Put to producing **8-10-51** 19.
The production of the first 24 hours was **450** barrels of fluid of which **35**% was oil; %
emulsion; **65**% water; and % sediment. Gravity, Be. **290**
If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

Hamm, Driller **Kelly**, Driller
Lynch, 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 **14th**

day of **August**, 19 **57**

James L. Lillan
Notary Public

My Commission expires **June 1, 1955**

Jal, New Mexico **8-14-51**
Place Date

Name **Dewey Watson**

Position **Geological Engineer**

Representing **Olsen Blount Oil Co.**
Company or Operator

Address **Drawer Z Jal, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
900	940	40	Red Beds
940	970	30	Anhy. & Red Beds
2410	2450	40	Sand, anhy., shale
2450	2480	30	Salt, red beds, anhy.
2480	2550	70	Salt
2550	2580	30	Red shale, anhy., sand
2580	2590	10	Red shale, anhy.
2590	2600	10	Gray lime, loose quartz grains
2600	2640	40	White sand, red, gray & black shale, anhy.
2640	2650	10	Anhy., red & black shale
2650	2690	40	Brown lime, anhy., shale
2690	2700	10	Brown lime, anhy., shale, trace pyrite
2700	2720	20	brown lime, anhy., shale, pink dol.
2720	2730	10	Brown lime, shale, anhy., loose sand
2730	2750	20	Brown lime, anhy. & gyp, shale, dol., sand
2750	2760	10	Brown lime, shale, dol., sand
2760	2790	30	Brown lime, shale, dol., anhy., sand
2790	2800	10	Brown lime, shale, dol., anhy., sand
2800	2840	40	Brown lime, anhy., sand, shale, F&G
2840	2850	10	Lime, sand, shale
2850	2860	10	Lime, anhy., sand, shale F&G
2860	2870	10	Loose sand, lime
2870	2880	10	Lime, sand, dol.
2880	2890	10	Lime, sand, dol. shale
2890	2900	10	Limestone, sand, dol.
2900	2940	40	White limestone, sand, shale
2940	2990	50	Brown dol., sand, shale, trace pyrite
2990	3100	110	Dol., sand, shale
3100	3110	10	Dol., sand, anhy, black shale
3110	3120	10	Dol., sand, blue and black shale
3120	3132	12	Cored 3120-22 dol, sand
			3122-26 dol. good porosity - vertical fractures - Bleeding
			3126-30 3126-27 dolomite - good porosity
			3127-30 Fair to scattered porosity - thin shale and sand stringers
			3130-32 Hard, dense dol, with few thin stringers.
3132	3180	48	Dol., sand, shale
3180	3200	20	Dol., shale
3200	3210	10	Dol., sand
3210	3215	5	Dol., shale
3215	3225	10	Dol.
3225	3230	5	Sandy lime, dol.
3230	3235	5	Gray sand, dol.
3235	3240	5	Sandy lime, dol.
3240	3245	5	Dol. sand
3245	3254 TD	9	Dol., shale, sand.
			<u>Geological Tops</u>
			Top Anhy. 946
			Top Salt 2540
			Top Yates 2788
			Schlumberger 2400-3197
			Lane Wells 2500-3121