



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
**RECEIVED**

MAR 16 1960

**WELL RECORD**

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

O. C. C.  
ARTESIA, OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

**Olan P. Featherstone**

(Company or Operator) **(Lot 4)**

**Federal "B"**

(Lease)

Well No. **1**, in **NW** 1/4 of **NW** 1/4, of Sec. **6**, T. **19S**, R. **31E**, NMPM.

**Culwin**

Pool, **Bddy** County.

Well is **330** feet from **North** line and **330** feet from **West** line

of Section **6**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **Nov. 22**, 19**59** Drilling was Completed **Jan. 2**, 19**60**

Name of Drilling Contractor **Harvey E. Yates**

Address **Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head **3515'** The information given is to be kept confidential until 19

**OIL SANDS OR ZONES**

No. 1, from **3118** to **3143** 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 **566** to **575** feet. **NW**

No. 2, from **2930** to **2940** feet. **1 Blr. per hr.**

No. 3, from to feet.

No. 4, from to feet.

**CASING RECORD**

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>8-5/8"</b>	<b>244</b>	<b>New</b>	<b>762</b>	<b>Pattern</b>			<b>Surface</b>
<b>7"</b>	<b>204</b>	<b>New</b>	<b>3151</b>	<b>Float</b>			<b>Oil String</b>

**MUDDING AND CEMENTING RECORD**

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>12-1/4"</b>	<b>8-5/8"</b>	<b>762</b>	<b>50</b>	<b>Pump &amp; Plug</b>		
<b>8"</b>	<b>7"</b>	<b>3149</b>	<b>50</b>	<b>Pump &amp; Plug</b>		

**RECORD OF PRODUCTION AND STIMULATION**

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

**Sandfraced with 1368 bbls. oil and 120,000 sand.**

Result of Production Stimulation **Pumped 45 BW and 10 NW**

Depth Cleaned Out

*Handwritten signature*

# ID OF DRILL-STEM AND SPECIAL T

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 3151 feet, and from 0 feet to 3151 feet.  
Cable tools were used from 0 feet to 3151 feet, and from 0 feet to 3151 feet.

## PRODUCTION

Put to Producing March 13 60  
OIL WELL: The production during the first 24 hours was 60 barrels of liquid of which 75% was oil; 25% was emulsion; 25% water; and 36% was sediment. A.P.I. Gravity 36.0  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy. 300	T. Devonian	T. Ojo Alamo
T. Salt 749	T. Silurian	T. Kirtland-Fruitland
B. Salt 1975	T. Montoya	T. Farmington
T. Yates 2186	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2686	T. McKee	T. Menefee
T. Queen 3104	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Caliche				
25	500	475	Redbeds, sand, and shale				
500	749	249	Anhydrite and shale				
749	1975	1226	Salt				
1975	2186	211	Anhydrite				
2186	2505	319	Anhydrite and shale				
2505	2686	181	Lime, sand, and shale				
2686	2905	219	Lime				
2905	2960	55	Sand, shale, and lime				
2960	3104	144	Lime				
3104	3151	47	Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator Olen F. Featherstone

Roswell, New Mexico March 14, 1960  
Address Petroleum Bldg., Roswell, N.M.

Name H. E. Sweeney

Position Title Manager