

**Santa Fe, New Mexico**

## WELL RECORD

**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**

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Othel Development Co.**  
(Company or Operator)

**Other State**  
(Lease)

Well No. 1, in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$ , of Sec. 32, T. 25 N, R. 7 W, NMPM.

Ballard P.C. Pool, Rio Arriba County.

Well is 990 feet from North line and 790 feet from East line

of Section 32 If State Land the Oil and Gas Lease No. is E5805-3, E6274, E6549, E6549

Drilling Commenced.....July 8....., 1961..... Drilling was Completed.....July 19....., 1961

Name of Drilling Contractor..... Drilling & Coring Exploration Co.

Address.....1609 Laguna, Farmington, N. M.

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

## OIL SANDS OR ZONES

No. 1, from 2191 to 2199 No. 4, from to

No. 2, from 2215 to 2217 No. 5, from 2218 to 2220

No. 3, from 2225 to 2229 No. 6, from to AUG 21 1961

## IMPORTANT WATER SANDS

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

No. 1, from one to feet.

No. 2, from ..... to ..... feet. ....

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
7"	20	New	120'	Conv.	---	---	Surface Pipe
2 3/8"	6.5	Used	2317'	Conv.	---	2191-2199 2215-2217 2225-2229	Prod. pipe

W 4 holes/ft.

## MUDDING AND CEMENTING RECORD

MUDDING AND CEMENTING RECORD						
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 3/4"	7"	120	75	Pumped and circul. to surface		
6 1/4"	2 7/8"	2317	100	Pumped		

### RECORD OF PRODUCTION AND STIMULATION

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

Perforated with 4 holes per foot. 2191-2199; 2215-2217; 2225-2229.

Sand-water fractured with 24,360 gallons of water and 25,000 pounds of sand.

Formation broke at 3000 p.s.i., treated at 2800 to 2400 p.s.i.--Injection rate

23 barrels per min.; dropped 32 rubber balls.

Result of Production Stimulation..... Flowed back approximately 50 barrels of water after 8 hour shut in. Shut in with 1100 p.s.i.

Depth Cleaned Out **2517'**

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 2317 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 586 lbs.  
Length of Time Shut in 7 days

Tested 145 MCF/PD by Geo Electric Inc.,  
Aztec, N.M., on August 15, 1961.

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.	T. Devonian.	T. Ojo Alamo.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates.	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen.	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	1600	1600	San Jose				
1600	1670	70	Ojo Alamo				
1670	1918	248	Kirtland				
1918	2191	273	Fruitland				
2191	2281	90	Pictured Cliffs				
2281	2317	36	Lewis				

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 Othel Development Co.

Address 688 State Street, Madison, Wisconsin

Name

Title