



## NEW MEXICO OIL CONSERVATION COMMISSION

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLYPubco Development, Inc. State  
(Company or Operator) (Lease)

Well No. 20, in NW 1/4 of SE 1/4, of Sec. 36, T. 29N, R. 10W, NMPM.

Aztec Pictured Cliffs Pool, San Juan County.

Well is 1450 feet from East line and 1450 feet from South line

of Section 36. If State Land the Oil and Gas Lease No. is E-8984, E-1304, E-3149

Drilling Commenced 8-17-1955 Drilling was Completed 9-11-1955

Name of Drilling Contractor Rotary-Smith Drlg Corp; Cable tools-J.G.Roberts Drlg &amp; Service

Address Totah Theatre Bldg, Farmington, N.M.; 406 S. Church, Aztec, N. M.

Elevation above sea level at Top of Tubing Head 5761 G.L. The information given is to be kept confidential until 1955

## OIL SANDS OR ZONES

No. 1, from (G) 2054 to 2083 (TD) 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 None 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    |
|-------|-----------------|-------------|---------|--------------|---------------------|--------------|------------|
| 9 5/8 | 32.30#          | New         | 180.30  | Howco        |                     |              | Surface    |
| 5 1/2 | 14.00#          | New         | 2052.93 | Baker        |                     |              | Production |
|       |                 |             |         |              |                     |              |            |
|       |                 |             |         |              |                     |              |            |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
|              | 9 5/8          | 190.03KB  | 150                 |             |             |                    |
|              | 5 1/2          | 2050.93   |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Sand-oil fractured w/8000 gals oil & 1.3#/gal sand, injection rate 16.2 bbls/min; 2050-2082,

Result of Production Stimulation Before frac gauged 45 MCF, natural, after frac official IP 2156.7 MCF, SITP 680#, SICP 679#.

Depth Cleaned Out

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 surface feet to 2049 feet, and from 2049 feet to 2082 feet.  
Cable tools were used from 2049 feet to 2082 feet, and from 2082 feet to 2082 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.....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.....            | T. Devonian.....    | T. Ojo Alamo.....          |      |
| T. Salt.....            | T. Silurian.....    | T. Kirtland-Fruitland..... | 1070 |
| B. Salt.....            | T. Montoya.....     | T. Farmington.....         | 1363 |
| T. Yates.....           | T. Simpson.....     | T. Pictured Cliffs.....    | 2054 |
| 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<br>in Feet | Formation       | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-----------------|------|----|----------------------|-----------|
| Surf | 955  | 955                  | Tertiary        |      |    |                      |           |
| 955  | 1070 | 115                  | Animas          |      |    |                      |           |
| 1070 | 1780 | 710                  | Kirtland        |      |    |                      |           |
| 1780 | 2054 | 274                  | Fruitland       |      |    |                      |           |
| 2054 | -    | -                    | Pictured Cliffs |      |    |                      |           |

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received6

DISTRIBUTION

|                    |   |
|--------------------|---|
| Operator           | 1 |
| Santa Fe           | 1 |
| Exploration Office |   |
| State Land Office  | 1 |
| U. S. G. S.        | 2 |
| Transporter        |   |
| File               | 1 |

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.

September 29, 1955  
Company or OperatorPubco Development, Inc. Address107 West Chaco  
NameRoger A. Ready Position or TitleGeologist