

KANSAS DRILLERS LOG

S. 5 T. 33S R. 38 $\frac{1}{2}$ W

API No. 15 — 189 — 20,413
County Number

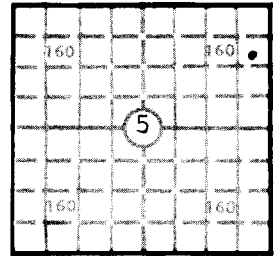
Loc. 150' FEL & 1200' FNL

Operator
ANADARKO PRODUCTION COMPANY

County Stevens

640 Acres
 N

Address
P. O. BOX 351, LIBERAL, KANSAS 67901



Well No. 2 Lease Name YOUNGGREN "E"

Locate well correctly

Footage Location
1200 feet from (N) $\frac{1}{2}$ line 150 feet from (E) $\frac{1}{2}$ line

Elev.: Gr. 3180.6'

Principal Contractor Lohmann-Johnson Geologist Joe Blair

Spud Date 7/18/78 Total Depth 6177' P.B.T.D. 6124'

Date Completed 8/28/78 Oil Purchaser _____

DF _____ KB _____

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|---------------------|------------|----------------------------|
| Surface | 12-1/4" | 8-5/8" | 24# | 1700' | Poz Common | 600 200 | 4% Gel, 2% cc 2% cc |
| Production | 7-7/8" | 4-1/2" | 11.6# | 6177' | Lite Wate SS Poz | 170 500 | .05% CFR-2 4% gel |
| | | | | | SS Poz | 150 | .05% CFR-2 |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| TUBING RECORD | | | 2 | | 6044-56' |
| Size | Setting depth | Packer set at | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|--|------------------------|
| 2500 gals 7-1/2 MEC | 6044-56' |
| F/30,000 gals 70% foamed WIA, 30,500# 20-40 sand | |

INITIAL PRODUCTION

| | | | | | |
|--|--------------|--|-----------------------------------|---------------|------|
| Date of first production SI for PL | | Producing method (flowing, pumping, gas lift, etc.) Flowing | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil bbls. | Gas 2700 MCF | Water bbls. | Gas-oil ratio | CFPB |
| Disposition of gas (vented, used on lease or sold) Will Be Sold | | | Producing interval(s) 6044-56' | | |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator ANADARKO PRODUCTION COMPANY DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: GAS

Well No. 2 Lease Name YOUNGGREN "E"

S 5 T 33S R 38 W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---------------------------------------|-------|--------|------|-------|
| Sand | 0' | 550' | | |
| Redbed | 550' | 1165' | | |
| Sand | 1165' | 1387' | | |
| Redbed | 1387' | 1700' | | |
| Anhy | 1700' | 2580' | | |
| Shale & Lime | 2580' | 6177' | | |
| TOTAL DEPTH | | 6177' | | |
| PBTD | | 6124' | | |

DST #1 6036-77 (Morr) 30-60-60-120, op 30 w/str blo, GTS 30 Min, TSTM, op 60, 5 Min ga 79 Mcfd, 10 Min 211 Mcfd, 15 Min 326 Mcfd, 20 Min 383 Mcfd, 25 Min 414 Mcfd, 30 Min 434 Mcfd, 35 Min 450 Mcfd, 50 Min 486 Mcfd, 60 Min 512 Mcfd, rec 100' DM, 500' GCDM, IFP 306-284, ISIP 1837 (60), FFP 186-281, FSIP 1808 (L20), HP 2970-2870.

USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.

Date Received _____

Signature: Paul Campbell

Paul Campbell, Division Production Manager

Title

September 12, 1978

Date