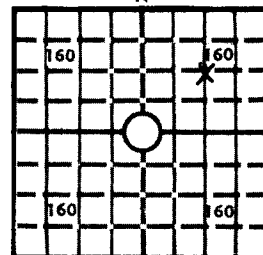


S. 33 T. 31 R. 40 ^EW
Loc. 1320' FNL & 1320' FEL

API No. 15 — 129 — 20390 ✓
County Number

County Morton

640 Acres
N



Elev.: Gr. 3317

DF _____ KB _____

Operator
Amoco Production Company

Address
P. O. Box 432 Liberal, Kansas 67901

Well No. 3 Lease Name Osborne Gas Unit "B"

Footage Location
1320 feet from (N) ● line 1320 feet from (E) ● line

Principal Contractor Service Drilling Geologist

Spud Date 6-12-79 Total Depth 5610 P.B.T.D. 5500

Date Completed 8- 2-79 Oil Purchaser Clear Creek

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 | 9-5/8 | 32 | 1626 | 65/35 Poz | 500 | 2% CC |
| | | | | | Class "H" | 150 | 3% Salt |
| Production | 8-3/4 | 7 | 20, 23 | 5610 | 50/50 Poz | 600 | 19% Salt .75% TIC |
| | | | | | | | 6 sacks Gilsonite |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|------------------------|
| | | | 4 | .5" Jet | 4894-4900 4876-4886 |
| | | | 4 | .5" Jet | 3175-80 ✓ 3140-3153 |

TUBING RECORD

| Size | Setting depth | Packer set at |
|--------------|---------------|---------------|
| 2-3/8 (dual) | 3170 4850 | 4850 |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|------------------------|
| Acidize w/2000 gals 15% MCA acid and 60 ball sealers. | 4894-4900 4876-4886 |
| Acidize w/1500 gals 15% HCL | 3140-3153 3175-3180 |

INITIAL PRODUCTION

Date of first production 8-2-79 Producing method (flowing, pumping, gas lift, etc.) Flowing from the Morrow and Topeka

RATE OF PRODUCTION PER 24 HOURS
Oil Gas 1000 (Topeka) Water Gas-oil ratio
bbls. 5000 (Morrow) MCF bbls. CFPB

Disposition of gas (vented, used on lease or sold) Cities Service Pipeline Producing interval(s) 4876-4900 & 3140-3180

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

Amoco Production Company

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

3

Lease Name

Osborne Gas Unit "B"

Gas (Dual)

S 33 T 31 R 40 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, Shale, RedBed | 0 | 650 | *Top of RedBed | 525 Ft. |
| Sand | 650 | 1020 | | |
| Shale, Sand | 1020 | 1590 | | |
| Shale Anhydrite | 1590 | 1625 | | |
| Shale, RedBed | 1625 | 2102 | | |
| Shale | 2102 | 2353 | | |
| Lime | 2353 | 3408 | | |
| Shale | 3408 | 3505 | | |
| Lime | 3505 | 3795 | | |
| Lime, Sand | 3795 | 3935 | | |
| Lime | 3935 | 4021 | | |
| Lime, Shale | 4021 | 4130 | | |
| Lime | 4130 | 4308 | | |
| Shale | 4308 | 4528 | | |
| Shale, Lime | 4528 | 4625 | | |
| Lime | 4625 | 4720 | | |
| Shale, Lime | 4720 | 4818 | | |
| Shale | 4818 | 5285 | | |
| Shale, Lime | 5285 | 5440 | | |
| Lime | 5440 | 5525 | | |
| Shale, Lime | 5525 | 5610 | | |

0-33-12

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Gale McCord
Signature

Gale McCord

Administrative Supervisor

Title

1-13-80

Date

330772