

State Geological Survey
WICHITA, BRANCH
KANSAS DRILLERS LOG

API No. 15 — 065 — 20,648
County Number

Operator

National Oil Co. & Amarex, Inc.

Address Suite 550, 200 West Douglas
Wichita, Kansas 67202

Well No.

#1

Lease Name

McCall

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

John O. Farmer, Inc.

Geologist

Bob Gebhart

Spud Date

12-23-73

Total Depth

4024

P.B.T.D.

Date Completed

1-6-74

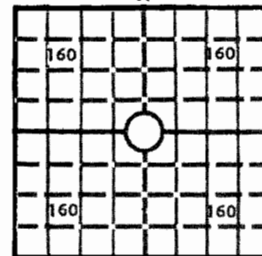
Oil Purchaser

S. 28 T. 10 R. 24 NE

Loc. C SW NE

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2404

DF KB 2409

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 |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| | | 8-5/8" | 5 lbs | 218' | | 150 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | | | |
| | | | | | |
| | | | | | |

TUBING RECORD

| Size | Setting depth | Packer set at | | | |
|------|---------------|---------------|--|--|--|
| | | | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |
| | |
| | |

INITIAL PRODUCTION

| | | | | | |
|--|--|---|----------------|------------------------|---------------------------|
| Date of first production | | Producing method (flowing, pumping, gas lift, etc.) | | | |
| RATE OF PRODUCTION PER 24 HOURS | | Oil bbls. | Gas MCF | Water bbls. | Gas-oil ratio CFPB |
| Disposition of gas (vented, used on lease or sold) | | | | Producing interval (s) | |

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 National Oil Company - Amarex, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

Well No. #1 Lease Name McCall

s 28 T 10 S R 24 E W C SW NE

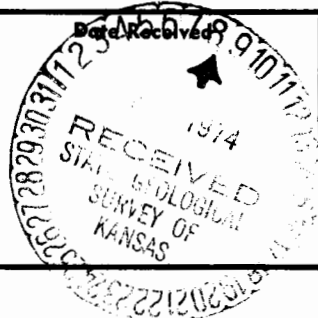
WELL LOG

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 |
|---|-----|--------|--------------|------------|
| DST #1, 3740-3815' 30-45-30-45; Wk blow 20" then died; Rec. 30' mud; ISIP 173; FSIP 142; FP's 39-47; Temp 112°. | | | | |
| DST #2, 3878-3995'; 30-45-30-45; Gd blow; Rec. 250' OCM; 120' HOCM; ISIP 931; FSIP 791; FP's 39-173; Temp 112°. | | | | |
| | | | Electric Log | Tops |
| | | | Anhydrite | 2024 +385 |
| | | | B/Anhydrite | 2058 +351 |
| | | | Topeka | 3490 -1081 |
| | | | Heebner | 3710 -1301 |
| | | | Toronto | 3733 -1324 |
| | | | Lansing | 3750 -1341 |
| | | | B/KC | 3988 -1579 |
| | | | LTD | 4024 -1615 |

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



Arden Ratzlaff

Kansas Exploration Manager

Title

February 25, 1974

Date

18164