

**STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY**

DESCRIPTION OF WELL AND LEASE

Operator: license # 5447
 name Cities Service Oil & Gas Corp.
 address 3545 NW 58th Street
 City/State/Zip Oklahoma City, OK 73112

Operator Contact Person Raymond Hui
 Phone (405) 949-4400

Contractor: license # 5883
 name Chief Drilling Company, Inc. RT
Warrior Drilling Co. KCC

Wellsite Geologist
 Phone

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
9-21-84 9-29-84 1-19-85
 Spud Date Date Reached TD Completion Date

4000' 3984'
 Total Depth PBD

Amount of Surface Pipe Set and Cemented at 251' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
 from feet depth to w/ SX cmt

API NO. 15 - 065-22,073 -00-00

County Graham

SW NE NE Sec 20 Twp 9S Rge 23 East
 (location) West

4290..... Ft North from Southeast Corner of Section
990..... Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

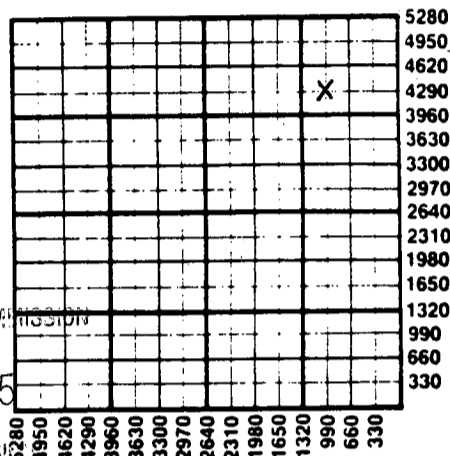
Lease Name *Robinson H. Well# 1

Field Name NA Ernst, East

Producing Formation Lansing - KC

Elevation: Ground 2428' KB 2433'

Section Plat



RECEIVED
 STATE CORPORATION COMMISSION
2-6-85
 FEB 06 1985
 CONSERVATION DIVISION
 Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
 Division of Water Resources Permit #

Groundwater..... Ft North From Southeast Corner and
 (Well) Ft. West From Southeast Corner of
 Sec Twp Rge East West

Surface Water..... Ft North From Southeast Corner and
 (Stream, Pond etc.)..... Ft West From Southeast Corner
 Sec Twp Rge East West

Other (explain)
 (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal
 Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature D. G. Oliver
 Title Engineering Manager Date 1-29-85

Subscribed and sworn to before me this 31 day of Jan 19 85

Notary Public James A. Hester
 Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

Sec. 20 Twp. 9 Rge. 23

Operator Name Cities Service Oil & Gas Corp Lease Name Robinson Well# 1 SEC 20 TWP 9S RGE 23 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

| Name | Top | Bottom |
|----------------|------|--------|
| Anhydrite | 2034 | |
| Base Anhydrite | 2072 | |
| Huebner | 3718 | |
| Toronto | 3741 | |
| Lansing | 3756 | |
| BKC | 3979 | |
| RTD | 4000 | |

Ran Correlation Log

CASING RECORD new used

Report all strings set - conductor, surface, intermediate, production, etc.

| Purpose of string | size hole drilled | size casing set (in O.D.) | weight lbs/ft. | setting depth | type of cement | # sacks used | type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|--------------|----------------------------------|
| Surface | 12-1/4" | 8-5/8" | 20# | 251' | 60-40 Poz. | 165 sx | 3% CC, 2% gal |
| Production | 7-7/8" | 4-1/2" | 10.5# | 3998' | common | 200 sx | 5% gillsonite 3/4 of 1% CFR-2 |

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

| shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth |
|----------------|---|--|-------|
| 4 | 3923-3927 | 200 gals. mud acid; reacidized w/200 gal. SGA... | |
| 4 | 3906-3910 | 2000 gals. SGA 3. bbls. | |

TUBING RECORD size 2-3/8" set at 3974 packer at Yes No

Date of First Production 1-18-85 Producing method flowing pumping gas lift Other (explain)

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|---------|-----|--------|---------------|---------|
| | 81 Bbls | MCF | 2 Bbls | | CFPB |

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify)
 Dually Completed. Commingled

PRODUCTION INTERVAL

3923-3927
 3906-3910