

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed. Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells. Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5447 EXPIRATION DATE 6-30-83

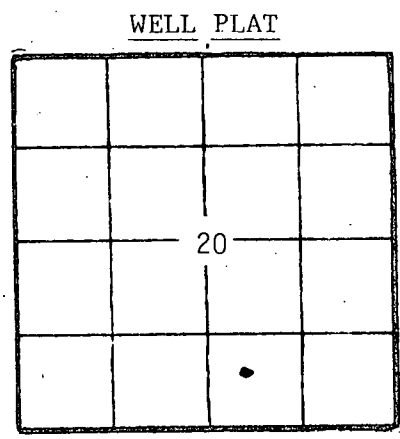
OPERATOR Cities Service Oil & Gas Corporation API NO. 15 - 077 - 20,879-0000 ADDRESS 800 Sutton Place Bldg., 209 E. William COUNTY Harper Wichita, Kansas 67202 FIELD Attica West

** CONTACT PERSON Richard E. Adams PROD. FORMATION Mississippi PHONE (316) 265-5624

PURCHASER Permian Corporation LEASE Grigsby "A" ADDRESS Box 641 Hays, Kansas 67601 WELL NO. 1 WELL LOCATION

DRILLING Brandt Drilling Company 660 Ft. from South Line and CONTRACTOR 1200 Douglas Building 1980 Ft. from East Line of ADDRESS Wichita, Kansas 67202 the SE (Qtr.) SEC 20 TWP 32 S RGE 9

PLUGGING None CONTRACTOR ADDRESS



(Office Use Only) KCC [checked] KGS [checked] SWD/REP PLG.

TOTAL DEPTH 4432 ft. PBD 4406 ft. SPUD DATE 2/28/83 DATE COMPLETED 4/12/83 ELEV: GR 1410 ft. DF 1414 ft. KB 1417 ft.

DRILLED WITH (XXXXX) (ROTARY) (XXXX) TOOLS. DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-78,217

Amount of surface pipe set and cemented 8 5/8" - 258' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Charles N. Richmond, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

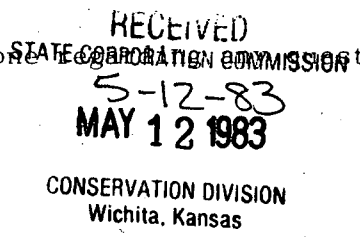
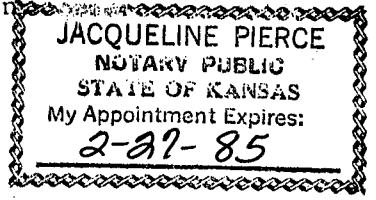
[Signature] (Name) C. N. Richmond

SUBSCRIBED AND SWORN TO BEFORE ME this 6 day of May, 19 83.

[Signature] (NOTARY PUBLIC) Jacqueline Pierce

MY COMMISSION EXPIRES: 2-27-85

** The person who can be reached by phone for questions concerning this information is:



OPERATOR Cities Service Oil & Gas LEASE Grigsby "A" SEC. 20 TWP. 32S RGE. 9

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

| 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 |
| Check if no Drill Stem Tests Run. | | | DST #1 | 4321'-4367' |
| Soil, top & sandy | 0 | 5 | Mississippi | First Opening: |
| Sand, fine | 5 | 15 | 30-60-45-90 | Fair blow |
| Clay, tan | 15 | 25 | | increasing to |
| Sand, fine to medium & medium gravel | 25 | 68 | | strong blow in |
| Shale | 68 | 70 | | one minute. |
| Sand & Shale | 70 | 255 | | Second Opening: |
| Redbeds & Shale | 255 | 720 | | Gas to surface |
| Lime & Shale | 720 | 1535 | | immediately, max. |
| Lime & Cherty Lime | 1535 | 1620 | | rate 44.2 MCF per |
| Lime & Shale | 1620 | 2400 | | day. Recovered |
| Lime | 2400 | 2650 | | 75' mud. |
| Shale | 2650 | 2685 | | IHH 2301 |
| Lime | 2685 | 2940 | DST #2 | IFP 51-71 |
| Shale | 2940 | 2980 | Mississippi | ISI 1189 |
| Lime | 2980 | 3185 | | FF 51-71 |
| Sand & Shaley Sand | 3185 | 3560 | | FSIP 1117 |
| Lime, Crystalline | 3560 | 3780 | | FHH 2270 |
| Lime & Cherty Lime | 3780 | 3990 | | Temperature: 120°F |
| Shale with Lime Streaks | 3990 | 4175 | | |
| Lime & Cherty Lime | 4175 | 4433 | | |
| Rotary Total Depth | | 4433 | | |
| Logs Run | | | | |
| 1). Dresser Atlas Laterolog w/Gamma Ray-Neutron Compensated Neutron Density. | | | 2). Dual Induction Focused Log | |
| If additional space is needed use Page 2, Side 2 | | | 3). Prolog | |

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) ~~xxxx (Used)~~

| 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" | 32# | 258' | Class A | 275 | 3% CaCl |
| Production | 7 7/8" | 4 1/2" | 9.5# | 4432' | 50-50 Pozmix | 175 | 3/4% CFR-2 + 10% NaCl |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 2 | | 4357' - 4374' |

| Size | Setting depth | Packer set at |
|--------|---------------|---------------|
| 2 3/8" | 4348 ft. | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | | Depth interval treated |
|--|---|------------------------|
| Acidize perforations down 2" tubing w/1250 gallons | | 4357' - 4374' |
| 7 1/2% MCA acid w/30 ball sealers. Fractured w/39,000# | | |
| 16-30 sand and 24,000 gals KCL H2O. | | |
| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | Gravity |
| 4-21-83 | Surge Pumping | |
| Estimated Production -I.P. | Oil MCF | Water % |
| | 6 bbls. 295 | 90 % 57 bbls. |
| Disposition of gas (vented, used on lease or sold) | Perforations 4357' - 4374' | |
| Sold | | |

CONSERVATION DIVISION
Wichita, Kansas

WIRE LINE SALES

P.2
RECEIVED
STATE CORPORATION COMMISSION

MAY 15 1989
5-15-89
CONSERVATION DIVISION
Wichita, Kansas

20-32-9W
C SW SE

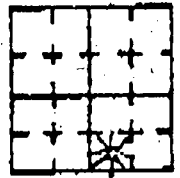
CITIES SERVICE COMPANY
800 SUTTON PLACE

#1 "A" GRIGSBY

WICHITA, KS 67202

CONTR BRANDT DRILLING COMPANY QTY HARPER

GEOL _____ FIELD LITTLE SANDY CREEK
EXT (1/8 E)



ELV 1417 KB SPD 2/28/83 CARD ISSUED 5/12/83 IP F 231 MCFGPD &
1410 GL 4 BO & 40 BWPD
API 15-077-20,879 MISS 4357-4374 OA

| LOG | Tops | Depth/Datum |
|---------|------|-------------|
| HEEB | | 3477-2060 |
| DOUG SD | | 3436-2019 |
| LANS | | 3742-2325 |
| KC | | 3909-2492 |
| STK | | 4070-2653 |
| CHER | | 4252-2835 |
| MISS | | 4356-2939 |
| RTD | | 4433-3016 |
| LTD | | 4434-3017 |

8 5/8 " 258/275SX; 4 1/2 " 4432/175SX.
 DST (1) 4321-67 (MISS) / 30-60-45-90. GTS NT, GA 8.5
 MCFGPD & STAB. REC 75' M, SIP 1189-1117#, FP 51-71 / 51-71#
 DST (2) 4360-90 (MISS) / 30-60-30-60. REC 65' M, NS, SIP
 860-778#, FP 20-30 / 30-51#
 MICT - CO, PF (MISS) 9/ 4357-60, 12/ 4368-74, AC 1250G
 (7.5%), FRAC 24,000G KCLW & 39,000#SD, 975 BTL, CO SD,
 SWB DWN & WELL KO FLO 242 MCFG & 7 BO & 57 BLW / 24
 HRS THRU 20/64 " CK, FTP 320#, 216 BLW TO REC, POP, IPF
 231 MCFGPD & 4 BO & 40 BWPD, THRU 13/64 " CK, CP 490#,
 4/30/83

INDEPENDENT OIL & GAS SERVICE
WICHITA, KANSAS

H. I. Inc.
Operator License #
07123