

SIDE ONE

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the 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.

Circle one: Oil, Gas, Dry, SWD, OWVO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Beren Corporation

API NO. 15-109-20,216-0000

ADDRESS 970 Fourth Financial Center  
Wichita, Kansas 67202

COUNTY Logan

FIELD ELAINE

\*\*CONTACT PERSON Evan Mayhew  
PHONE (316) 265-3311

PROD. FORMATION LKC

LEASE Elaine

PURCHASER Central Crude

WELL NO. 2

ADDRESS 401 E. Douglas, Suite 402  
Wichita, Kansas 67202

WELL LOCATION NE NE

660 Ft. from north Line and

660 Ft. from east Line of

the NE/4 SEC. 3 TWP. 12S RGE. 34W

DRILLING Contractor Murfin Drilling Company  
ADDRESS 617 Union Center Building  
Wichita, Kansas 67202

RECEIVED STATE CORPORATION COMMISSION

WELL PLAT

PLUGGING CONTRACTOR ADDRESS

|  |   |  |  |
|--|---|--|--|
|  |   |  |  |
|  |   |  |  |
|  | 3 |  |  |
|  |   |  |  |

KCC KGS (Office Use)

JUN - 8 1982 CONSERVATION DIVISION

TOTAL DEPTH 4800' PBD 4764'

SPUD DATE 3/19/82 DATE COMPLETED 5/7/82

ELEV: GR 3206 DF KB 3211

DRILLED WITH (ROTARY) TOOLS

Amount of surface pipe set and cemented 325' DV Tool Used? Yes

RECEIVED STATE CORPORATION COMMISSION JUN - 8 1982 CONSERVATION DIVISION

AFFIDAVIT

STATE OF KANSAS, COUNTY OF SEDGWICK SS, I,

DON W. BEAUCHAMP OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS GEOLOGIST (FOR)(OF) BEREN CORPORATION

OPERATOR OF THE ELAINE LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 2 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 7th DAY OF May, 19 82, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 7th DAY OF June, 19 82.

(S) Don W. Beauchamp

NANCY R. EDWARDS State of Kansas My Appt. Exp. 1/6/86

NOTARY PUBLIC STATE CORPORATION COMMISSION

MY COMMISSION EXPIRES: January 6, 1986

AUG 05 1982

\*\*The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

**SIDE TWO**

**WELL LOG**

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

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.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP  | BOTTOM | NAME | DEPTH |
|---------------------------------------|------|--------|------|-------|
| Surface soil & sand                   | 0    | 250    |      |       |
| Shale                                 | 250  | 325    |      |       |
| Shale and sand                        | 325  | 2670   |      |       |
| Anhydrite                             | 2670 | 2694   |      |       |
| Sand and shale                        | 2694 | 2800   |      |       |
| Sand and shells                       | 2800 | 2995   |      |       |
| Sand and shale                        | 2995 | 3305   |      |       |
| Lime and shale                        | 3305 | 4800   |      |       |
| RTD                                   | 4800 |        |      |       |

|    |   |    |  |
|----|---|----|--|
| #1 | 4190 - 4210 ("E")<br>30/30/30/30<br>2' mud<br>26/26 26/26 26/26   | #5 | 4343 - 4364 ("K")<br>90/60/90/60<br>Strong blow<br>120' GIP + 30' oil + 30' OCM + 480' water (31,000 ppm)<br>1305/1305 112/191 247/313 |
| #2 | 4259 - 4275 (G') FSO<br>30/30/30/30<br>15' mud/SO<br>836/763 31/31 42/42  | #6 | 4483 - 4528 (Marmaton)<br>90/60/30/30<br>20' mud<br>101/101 67/67 78/78  |
| #3 | 4270 - 4304 ("H")<br>60/60/60/60<br>Strong blow<br>60' GIP + 500' total fluid [80' M&WCO (30% oil, 25% wtr) + 120' M&WCO (20% oil, 30% wtr) + 300' M&WCO (20% oil, 40% wtr)]<br>1160/1087 63/127 245/245<br>chlorides mud: 62,000 ppm<br>chlorides recovery: 44,000 ppm | #7 | 4677 - 4710 (Johnson)<br>90/60/90/60<br>10' OCM (40% oil) + 60' SOCM (5% oil)<br>168/146 78/78 90/90                                   |
| #4 | 4300 - 4328 ("I")<br>90/60/90/60<br>420' GIP + 1380' clean gassy oil + 180' G&WCO (45% oil, 20% wtr) + 60' MW (cl 40,000 ppm)<br>983/983 95/437 564/606   |    |  |

Report of all strings set— surface, intermediates, production, etc. **CASING RECORD** (New) or (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            | New 8-5/8"                | 20             | 325'          | 60-40 Sunset | 275   | 2% gel 3% cc               |
| Production        | 7-7/8             | New 5 1/2"                | 14#            | 4799'         | 60-40 pozmix | 250   | 2% gel, 10% salt           |
|                   |                   |                           |                | 2nd           | HOWCO Lite   | 300   |                            |
|                   |                   |                           |                | Stage         | Common       | 50    |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| -        | -           | -            | 3             | DPJS        | 4314-16        |

**TUBING RECORD**

| Size  | Setting depth | Packer set at |
|-------|---------------|---------------|
| 2-3/8 | 4700          | -             |

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 250 gals 15% HCL                 | 4314-16                |

| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | Gravity |
|--------------------------|---|---------|
| 5/7/82                   | pumping   |         |

| RATE OF PRODUCTION PER 24 HOURS | Oil      | Gas   | Water         | Gas-oil ratio |
|---------------------------------|----------|-------|---------------|---------------|
|                                 | 57 bbls. | 0 MCF | 34 % 29 bbls. | - CFPB        |

Disposition of gas (vented, used on lease or sold)

Perforations  
4314-16