

TYPE

## AFFIDAVIT OF COMPLETION FORM ACO-2 WELL HISTORY

19-11-36W

SIDE ONE

Compt. \_\_\_\_\_

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.

- (F) ☒ 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.

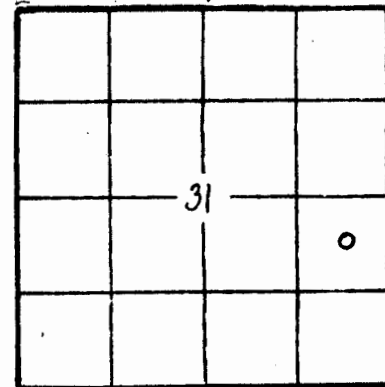
Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

- (C) ☒ 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 # 5886 EXPIRATION DATE 6-30-83  
 OPERATOR Chief Drilling Co., Inc. API NO. 15-109-20,265  
 ADDRESS 905 Century Plaza Wichita, Ks. COUNTY Logan  
67202 FIELD \_\_\_\_\_  
 \*\* CONTACT PERSON F.W. Shelton, Jr., PROD. FORMATION Pleasanton lime  
 PHONE 316-262-3791  
 PURCHASER Koch Oil Company LEASE EMEL  
 ADDRESS P.O. Box 2256 WELL NO. #1  
Wichita, Ks. 67201 WELL LOCATION C NE SE  
 DRILLING Warrior Drilling Co., Rig #1 1980 Ft. from South Line and  
 CONTRACTOR 905 Century Plaza 660 Ft. from East Line of (E)  
 ADDRESS Wichita, Ks. 67202 the SE (Qtr.) SEC 19 TWP 11S RGE 36W (W).  
 PLUGGING \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 ADDRESS \_\_\_\_\_

## WELL PLAT

(Office Use Only)



KCC \_\_\_\_\_  
 KGS ☒  
 SWD/REP \_\_\_\_\_  
 PLG. \_\_\_\_\_

TOTAL DEPTH 4924 PBTD 4575'  
 SPUD DATE 11-24-82 DATE COMPLETED 12-05-82  
 ELEV: GR 3360 DF 3362 KB 3365  
 DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.  
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING  
 USED TO DISPOSE OF WATER FROM THIS LEASE \_\_\_\_\_

Amount of surface pipe set and cemented 7 jts. 279' DV Tool Used? yes 2763'

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                                                                | Depth interval treated |
|-------------------------------------------------------------------------------------------------|------------------------|
| acidized w/250 gall. 15% mud acid, 20% zyleneol<br>1500# max. pressure, treated 1 bbl. per min. | 4461 - 4463            |
|                                                                                                 |                        |
|                                                                                                 |                        |

|                                                                   |                                                                       |                              |
|-------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------|
| Date of first production<br><u>1-4-83</u>                         | Producing method (flowing, pumping, gas lift, etc.)<br><u>pumping</u> | Gravity<br><u>15 gravity</u> |
| Estimated Production -I.P.<br><u>25 BBLs</u> bbls.                | Gas<br><u>none</u> MCF                                                | Water<br><u>% 5BBL</u> bbls. |
| Disposition of gas (vented, used on lease or sold)<br><u>sold</u> | Perforations<br><u>4461 - 4463</u>                                    | Gas-oil ratio<br><u>CFPS</u> |

*P.W. Shelton*

402-11-91  
SIDE TWO

ACO-1 WELL HISTORY (E)  
(W)

OPERATOR Chief Drilling Co., Inc. BASE Emel #1

SEC. 19 TWP. 11S RGE. 36W

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

4150-4250, (Top 35 - 50 Lansing), 30-30-30-30 Strong blow for 60 min., 10 min. after blow on on first shut in, 15 min. after blow on final shut in, rec. 553' muddy wtr, IBHP: 1300, FBHP: 1290, IFP: 100 - 225, FFP: 220 - 300, Drilling @ 4354' DST #2 4350 - 4445 (160 180-200 zone) 30-30-30-30, strong blow in 5 min., and a strong blow throughout both flow periods, 10 min. after blow on 1st shut in, 10 min., after blow on final shut in. Rec. 720', Muddy water IBHP: 1405, FBHP: 1400 FP: 125- 340 FFP: 340 - 450

Drilling @ 4449' DST #3 4440 4480 220 zone 30-30-30-30 strong blow for 60 min., Rec. 60' GIP, 961' GM&WCO, 15% G, 48% O, 8% W, 29% M, 183' MO, 183' HWCO, 366' MGW, IBHP: 1270# FBHP: 1240#, IFP: 100-650, FFP: 650-900 Drilling @ 4538'

Drilling @ 4722'

Drilling @ 4924' T.D. Ran 135 jts. used 4 1/2" 10.5# casing, set guide shoe on bottom, insert float @ 4576' centralizer & combination basket @ 4500', centralizer @ 4450', centralizer & basket @ 2778', D.V. tool 2763' centralizer @ 2733' cemented w/160 sx. 60-40 pos mix 10 bbl. salt flush started @ 12:00 a.m. completed @ 1:00 a.m.

FORMATION TOPS:

|              |      |   |      |
|--------------|------|---|------|
| Anhydrite    | 2756 | + | 609  |
| Base Anhydr. | 2782 | + | 583  |
| Heebner      | 4110 | - | 745  |
| Lansing      | 4155 | - | 790  |
| Stark        | 4387 | - | 1022 |
| Hush Puckney | 4420 | - | 1055 |
| BKC          | 4452 | - | 1087 |
| Marmaton     | 4492 | - | 1127 |
| Ft. Scott    | 4650 | - | 1285 |
| Cherokee     | 4681 | - | 131  |
| Mississippi  | 4874 | - | 1509 |
| RTD          | 4924 | - | 1559 |

E-LOG TOPS:

|              |      |   |      |
|--------------|------|---|------|
| Anhydrite    | 2756 | + | 609  |
| Base Anhydr. | 2781 | + | 584  |
| Heebner      | 4110 | - | 745  |
| LKC          | 4155 | - | 790  |
| Stark        | 4387 | - | 1022 |
| Hush Puckney | 4422 | - | 1057 |
| BKC          | 4455 | - | 1090 |
| Marmaton     | 4492 | - | 1127 |
| Fort Scott   | 4651 | - | 1286 |
| Cherokee     | 4684 | - | 1319 |
| Mississippi  | 4879 | - | 1514 |
| RTD          | 4924 | - | 1559 |
| LTD          | 4927 | - | 1562 |

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, 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            | 8 5/8                     | 20#            | 282'          | common        | 165 sx. | 3% c.c., 2% gel            |
| production        | 7 7/8             | 4 1/2                     | 10.5#          | 4576'         | 60-40 pos mix | 160 sx. | 10 bbl. salt flush         |
|                   |                   |                           |                |               |               |         |                            |
|                   |                   |                           |                |               |               |         |                            |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| --       | --          | --           | 4 shots       |             | 4461 - 4463    |

TUBING RECORD

| Size  | Setting depth | Packer set at |
|-------|---------------|---------------|
| 2 3/8 | 4429.00       | —             |

OPERATOR Chief Drilling Co., Inc. LEASE NAME Emel #1SEC. 19 TWP. 11S RGE. 36WFILL IN WELL LOG AS REQUIRED:

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 |
|---------------------------------------|------|------|--------|------|-------|
| WELL LOG                              |      |      |        |      |       |
| FORMATION                             | FROM | TO   |        |      |       |
| Surface Sand & Clay                   | 0    | 289  |        |      |       |
| Clay & Sand                           | 289  | 2338 |        |      |       |
| Sand & Shale                          | 2338 | 2756 |        |      |       |
| Anhydrite                             | 2756 | 2782 |        |      |       |
| Shale                                 | 2782 | 3739 |        |      |       |
| Shale & Lime                          | 3739 | 4135 |        |      |       |
| Shale                                 | 4135 | 4250 |        |      |       |
| Lime & Shale                          | 4250 | 4480 |        |      |       |
| Shale                                 | 4480 | 4842 |        |      |       |
| Lime                                  | 4842 | 4924 |        |      |       |
| RTD                                   | 4924 |      |        |      |       |