

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 # ...5330.....
      Name ...Excaltbur Production Co., Inc:
      Address .P.O. Box 278.....
      .McPherson, .KS. 67460.....
      City/State/Zip .....
```

**Purchaser** .....

Operator Contact Person Charles D. Johnson..  
Phone (316) 241-1265.....

Contractor License # 5927  
Name Blackstone Drilling, Inc.

Wellsite Geologist...Donald J. Melland.....  
Phone...(316)...241-7907.....

Designate Type of Completion

|          |          |          |
|----------|----------|----------|
| New Well | Re-Entry | Workover |
|----------|----------|----------|

Oil \_\_\_\_\_ SWD \_\_\_\_\_ Temp Abd \_\_\_\_\_  
Gas \_\_\_\_\_ Inj \_\_\_\_\_ Delayed Comb \_\_\_\_\_  
X Dry \_\_\_\_\_ Other (Core, Water Supply, etc.) \_\_\_\_\_

If OWN0: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

## WELL HISTORY

Drilling Method:  
☒ Mud Rotary      ☐ Air Rotary      ☐ Cable

|             |                 |                 |
|-------------|-----------------|-----------------|
| 6-16-88     | 6-21-88         | 6-21-88         |
| Spud Date   | Date Reached TD | Completion Date |
| 2620        |                 |                 |
| Total Depth | PBTD            |                 |

Amount of Surface Pipe Set and Cemented at 203 feet  
Multiple Stage Cementing Collar Used? Yes ☒ No  
If yes, show depth set...203.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name Halliburton  
Invoice # 763432

Alt I D80

APL NO. 15-169-20,297-0000

County.....**Saline**.....

NW SE NW Sec. 14.. Twp. 15. Rge. 1.... X East  
West  
3630

3630 ..... Ft North from Southeast Corner of Section  
 3630 ..... Ft West from Southeast Corner of Section  
 (Note: Locate well in section plat below)

Lease Name.....EMIG.....Well #.....1.....

Field Name...wildcat.....

Producing Formation.....

Elevation: Ground...1253.....KB....1258....

Section Plot

[illegible]

### WATER SUPPLY INFORMATION

Disposition of Produced Water: \_\_\_\_\_ Disposal  
Docket # ..... Repressuring

Questions on this portion of the AGO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

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

Surface Water.....Ft North from Southeast Corner  
(Stream,pond etc).....Ft West from Southeast Corner

|     |     |     |      |      |
|-----|-----|-----|------|------|
| Sec | Twp | Rge | East | West |
|-----|-----|-----|------|------|

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

Information on slide 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 ..... Charles D. Johnson  
Title..... President ..... Date ..... 12/6/88.

Subscribed and sworn to before me this 6th day of December 1988...

Date Commission Expires.....May 27, 1992.....



K.C.C. OFFICE USE ONLY

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

|                                         |                                  |                                |
|-----------------------------------------|----------------------------------|--------------------------------|
| <b>Distribution</b>                     |                                  |                                |
| <input checked="" type="checkbox"/> KCC | <input type="checkbox"/> SWD/Rep | <input type="checkbox"/> NGPA  |
| <input checked="" type="checkbox"/> KGS | <input type="checkbox"/> Plug    | <input type="checkbox"/> Other |
|                                         |                                  | (Specify)                      |

12-6-88

Form ACO-1 (5-86)

Sec. 14. Twp. 15. Rge. 1. W.

Operator Name ... EXCALIBUR PRODUCTION CO. INC. Lease Name.....EMIG.....Well #..1.....

Sec.....14.....Twp.....15.....Rge.....1.....  
☐ East  
☒ West County.....Saline.....

## 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

Lansing 1911

Mississippian 2575

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 pipe      | 12 1/2            | 8 5/8                     | 24             | 203           | common         | 135         |                            |
|                   |                   |                           |                |               |                |             |                            |
|                   |                   |                           |                |               |                |             |                            |
|                   |                   |                           |                |               |                |             |                            |

## PERFORATION RECORD

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---------------------------------------------|--------------------------------------------------------------------------------|-------|
|                |                                             |                                                                                |       |
|                |                                             |                                                                                |       |
|                |                                             |                                                                                |       |
|                |                                             |                                                                                |       |

| TUBING RECORD | Size | Set At | Packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--------------------------------------------------------------------|
|---------------|------|--------|-----------|--------------------------------------------------------------------|

| Date of First Production | Producing Method                                                                                                                                  |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                          | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |

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

## METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation  
☐ Solid ☐ Other (Specify) .....  
☐ Used on Lease ☐ Dually Completed .....  
☐ Commingled .....

DONALD J. MELLAND ✧ PETROLEUM GEOLOGIST

401 Peoples Bank Building ✧ Post Office Box 783 ✧ McPherson, Kansas 67460  
Office (316) 241-7907 ✧ Residence (316) 241-4582

G E O L O G I C A L   R E P O R T

Excalibur Production Co., Inc.  
Well # 1  
NW SE NW, Sec. 14-15-1W  
Field: Wildcat  
Saline County, Kansas

June 21, 1988  
Elevation: 1258 KB  
Comm: 6/16/88; Comp: 6/21/88  
Casing: 8-5/8" @ 203'/135 sz.

FORMATION TOPS

|               |              |
|---------------|--------------|
| Lansing       | 1911 (-653)  |
| Mississippian | 2575 (-1317) |
| RTD           | 2620 (-1362) |

Cores: None

Drill Stem Tests: None

Electrical Logs: None

Gas Detector: None

Measurements: Were taken from Kelly bushing, 5 feet above ground level. Drill pipe was strapped at 2502 feet. No corrections were made.

FORMATION SUMMARY

Wet samples were examined from 203 feet to 635 feet for shows of gas - no shows of gas were noted.

LANSING

1934-1945 Buff, finely to medium crystalline limestone, oolitic and oolitic, fair to good oolitic porosity, no shows of oil or gas.

C  
O  
P  
Y

MISSISSIPPIAN

2582-2586 Dolomite; grayish buff, finely to medium crystalline, some included chert, poor and fair pinhole and intercrystalline porosity in dolomite, show of flakey oil, no show of live oil, questionable odor. This zone does not warrant testing.

2617-2620 Dolomite; buff, medium crystalline, included white and buff, mottled, sharp chert, poor and fair intercrystalline porosity in dolomite, no show of oil, no show of gas.

RECOMMENDATIONS

Since there were no commercial shows of oil in this well, it was recommended that it be plugged.

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OCT 10 1955  
CORPORATION DIVISION  
Wichita, Kansas

Respectfully submitted,

Donald J. Malland

DJM/f

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# DRILLING TIME

Kearlber Production Co., Inc.  
 No. 1

Sec. 14-15-1W  
 NW SE NW

Elevation: 1258 KB  
 Saline County, Kansas

| Depth     | Time |   |   |   |   |   |   |   |   |   | Remarks |
|-----------|------|---|---|---|---|---|---|---|---|---|---------|
| 1800-1810 | 2    | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |         |
| 20        | 2    | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 |         |
| 30        | 1    | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 |         |
| 40        | 1    | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |         |
| 50        | 1    | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
| 60        | 2    | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |         |
| 70        | 2    | 1 | 2 | 4 | 4 | 3 | 2 | 2 | 2 | 1 |         |
| 80        | 2    | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 |         |
| 90        | 1    | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 |         |
| 1890-1900 | 2    | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 |         |
| 10        | 1    | 1 | 2 | 1 | 2 | 1 | 2 | 1 | - | 2 |         |
| 20        | 1    | 4 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 |         |
| 30        | 4    | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 |         |
| 40        | 3    | 3 | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 1 |         |
| 50        | 1    | 1 | 1 | 1 | 2 | 4 | 4 | 5 | 4 | 4 |         |
| 60        | 3    | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 |         |
| 70        | 2    | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 |         |
| 80        | 3    | 3 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 4 |         |
| 90        | 3    | 4 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 4 |         |
| 1990-2000 | 3    | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 3 |         |
| 10        | 3    | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 2 |         |
| 20        | 2    | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 |         |
| 30        | 3    | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 |         |
| 40        | 1    | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 2 |         |
| 50        | 1    | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 3 | 5 |         |
| 60        | 4    | 4 | 4 | 3 | 3 | 1 | 1 | 1 | 2 | 1 |         |
| 70        | 2    | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 3 | 4 |         |
| 80        | 4    | 3 | 1 | 1 | 1 | 1 | 3 | 2 | 3 | 2 |         |
| 90        | 3    | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 3 |         |
| 2090-2100 | 2    | 1 | 2 | 1 | 3 | 3 | 3 | 4 | 3 | 3 |         |
| 10        | 3    | 4 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 4 |         |
| 20        | 4    | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 |         |
| 30        | 3    | 4 | 4 | 3 | 4 | 2 | 3 | 3 | 2 | 3 |         |
| 40        | 2    | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 |         |
| 50        | 2    | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 |         |
| 60        | 1    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
| 70        | 2    | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 |         |
| 80        | 2    | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 |         |
| 90        | 2    | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |         |
| 2190-2200 | 2    | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 |         |

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| Depth     | Time |   |   |   |    |   |    |   |   |   | Remarks               |
|-----------|------|---|---|---|----|---|----|---|---|---|-----------------------|
| 2200-2210 | 3    | 3 | 3 | 2 | 2  | 2 | 2  | 2 | 3 | 3 |                       |
| 20        | 3    | 3 | 3 | 3 | 2  | 3 | 3  | 4 | 2 | 2 |                       |
| 30        | 1    | 1 | 1 | 2 | 3  | 4 | 2  | 1 | 1 | 1 |                       |
| 40        | 1    | 1 | 2 | 2 | 3  | 3 | 3  | 4 | 4 | 4 |                       |
| 50        | 3    | 3 | 3 | 3 | 3  | 3 | 3  | 3 | 3 | 3 |                       |
| 60        | 3    | 4 | 2 | 3 | 3  | 3 | 4  | 3 | 2 | 2 |                       |
| 70        | 1    | 2 | 4 | 4 | 3  | 3 | 3  | 2 | 1 | 1 |                       |
| 80        | 2    | 1 | 1 | 2 | 1  | 1 | 2  | 2 | 2 | 3 |                       |
| 90        | 3    | 3 | 3 | 3 | 3  | 3 | 4  | 3 | 3 | 2 |                       |
| 2290-2300 | 2    | 1 | 2 | 2 | 2  | 2 | 2  | 2 | 2 | 2 |                       |
| 10        | 2    | 2 | 2 | 2 | 2  | 2 | 2  | 2 | 3 | 3 |                       |
| 20        | 4    | 4 | 3 | 3 | 3  | 3 | 3  | 4 | 4 | 5 |                       |
| 30        | 6    | 6 | 6 | 5 | 4  | 5 | 3  | 3 | 5 | 6 |                       |
| 40        | 4    | 6 | 7 | 7 | 6  | 5 | 6  | 6 | 7 | 7 |                       |
| 50        | 7    | 7 | 7 | 8 | 7  | 6 | 4  | 3 | 5 | 4 |                       |
| 60        | 4    | 4 | 4 | 5 | 6  | 5 | 6  | 7 | 7 | 7 |                       |
| 70        | 6    | 5 | 5 | 5 | 6  | 5 | 5  | 5 | 5 | 6 |                       |
| 80        | 5    | 4 | 3 | 2 | 1  | 1 | 1  | 5 | 7 | 6 |                       |
| 90        | 6    | 5 | 6 | 5 | 6  | 6 | 5  | 5 | 6 | 8 |                       |
| 2390-2400 | 9    | 8 | 7 | 6 | 7  | 6 | 6  | 6 | 6 | 5 |                       |
| 10        | 5    | 4 | 4 | 3 | 2  | 3 | 3  | 3 | 2 | 3 |                       |
| 20        | 2    | 3 | 3 | 4 | 5  | 4 | 4  | 3 | 4 | 4 |                       |
| 30        | 5    | 2 | 3 | 2 | 3  | 4 | 3  | 4 | 3 | 4 |                       |
| 40        | 3    | 5 | 3 | 4 | 4  | 3 | 5  | 6 | 5 | 3 |                       |
| 50        | 5    | 5 | 7 | 8 | 7  | 7 | 6  | 7 | 9 | 7 |                       |
| 60        | 7    | 8 | 7 | 7 | 7  | 2 | 2  | 3 | 4 | 3 |                       |
| 70        | 3    | 4 | 4 | 4 | 3  | 4 | 6  | 8 | 9 | 8 |                       |
| 80        | 9    | 8 | 6 | 4 | 4  | 3 | 2  | 3 | 6 | 5 |                       |
| 90        | 5    | 6 | 6 | 6 | 3  | 4 | 3  | 8 | 6 | 3 |                       |
| 2490-2500 | 2    | 6 | 5 | 4 | 4  | 5 | 6  | 6 | 5 | 4 |                       |
| 10        | 5    | 4 | 5 | 7 | 11 | 9 | 10 | 8 | 7 | 6 | Trip # 2502°          |
| 20        | 5    | 5 | 5 | 5 | 5  | 5 | 5  | 4 | 5 | 5 |                       |
| 30        | 5    | 6 | 6 | 3 | 3  | 4 | 4  | 3 | 3 | 3 |                       |
| 40        | 3    | 5 | 5 | 3 | 4  | 3 | 5  | 4 | 4 | 4 |                       |
| 50        | 5    | 6 | 4 | 6 | 6  | 5 | 5  | 4 | 6 | 6 |                       |
| 60        | 6    | 4 | 5 | 3 | 5  | 4 | 5  | 3 | 4 | 4 |                       |
| 70        | 3    | 3 | 3 | 2 | 1  | 1 | 5  | 5 | 9 | 8 | Circ. # 2563°         |
| 80        | 6    | 7 | 3 | 6 | 6  | 3 | 3  | 3 | 3 | 4 | Circ. # 2580°         |
| 90        | 4    | 4 | 1 | 2 | 2  | 3 | 3  | 2 | 3 | 3 | Circ. # 2585° & 2590° |
| 2590-2600 | 2    | 1 | 1 | 1 | 1  | 2 | 2  | 1 | 2 | 2 | Circ. # 2595°         |
| 10        | 1    | 1 | 2 | 1 | 2  | 1 | 2  | 2 | 2 | 2 |                       |
| 2610-2620 | 1    | 6 | 6 | 7 | 6  | 5 | 5  | 2 | 2 | 1 | Circ. # 2620°         |

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CONSERVATION DIVISION  
Wichita, Kansas

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# Blackstone Drilling, Inc.

Box 1184 • 523 West Kansas • Phone (316) 241-1250

McPHERSON, KANSAS 67460

June 23, 1988

COMPANY: EXCALIBUR PRODUCTION CO., INC.  
CONTRACTOR: BLACKSTONE DRILLING, INC.  
FARM: EMIG #1  
LOCATION: 3630' FSL & 3630' FEL  
NW SE NW Section 14-15S-1W,  
SALINE COUNTY, KANSAS  
COMMENCED: June 16, 1988  
COMPLETED: June 22, 1988  
ELEVATION: 1253 G.L.

|      |    |      |                    |
|------|----|------|--------------------|
| 0    | to | 50   | Dirt, Clay & Shale |
| 50   | to | 130  | Lime & Shale       |
| 100  | to | 290  | Shale & Lime       |
| 290  | to | 1460 | Lime & Shale       |
| 1460 | to | 1725 | Shale & Lime       |
| 1725 | to | 1951 | Lime & Shale       |
| 1951 | to | 2620 | Lime               |
|      |    | 2620 | T. D.              |

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CONSERVATION DIVISION  
Wichita Kansas

Cut 12½" hole to 203' and run 205' of 8 5/8" casing, cemented with 135 sacks of cement at 203'. Plug down at 9:45 P. M., June 16, 1988. Hole dry and abandoned. Filled hole to 300' with mud & set plug with 50 sacks of cement. Set plug at 60' with 25 sacks of cement, with 10 sacks in rathole. Plugging completed at 6:30 P. M., June 21, 1988 with Merlin Unruh as State Plugger.

TOPS: LANSING - 1911'

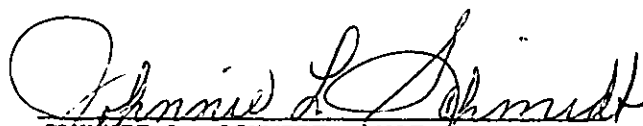
Measurements taken from K. B.

## CERTIFICATE

I, P. E. Plouffe, President of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your Emig #1, located 3630' FSL & 3630' FEL NW SE NW Section 14-15S-1W, Saline County, Kansas as reflected by the files of Blackstone Drilling, Inc.

  
P. E. Plouffe, President

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas this 23rd day of June, 1988.

  
JOHNNIE L. SCHMIDT - NOTARY PUBLIC

