

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 189-21577-00-00

County Stevens
____ - SW - NE - NE Sec. 20 Twp. 33 S Rge. 38 W X E

Operator: License # 5208

4030 FSL Feet from SYN (circle one) Line of Section

Name: Mobil Oil Corporation

1051 FEL Feet from EW (circle one) Line of Section

Address P.O. Box 2173

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

2319 North Kansas Avenue

Lease Name CP-Farrar (Hole #1) Well # 1-2

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: NA

Producing Formation NA

Operator Contact Person: Rae Kelly

Elevation: Ground 3176.5 KB

Phone (316) 626-1160

Total Depth 83 PBTD NA

Contractor: Name: Midwest Well & Pump

Amount of Surface Pipe Set and Cemented at None Feet

License: 0532

Multiple Stage Cementing Collar Used? NA Yes NA No

Wellsite Geologist: _____

If yes, show depth set NA Feet

Designate Type of Completion

If Alternate II completion, cement circulated from NA

 New Well Re-Entry Workover

feet depth to NA w/ NA sx cmt.

 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry X Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT 3 87 7-11-94
(Data must be collected from the Reserve Pit) NA

If Workover:

Chloride content _____ ppm Fluid volume _____ bbls

Operator: _____

Dewatering method used _____

Well Name: _____

Location of fluid disposal if hauled offsite:

Comp. Date _____ Old Total Depth _____

Operator Name _____

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

Lease Name _____ License No. _____

10-16-93 10-18-93
Spud Date _____ Date Reached TD _____ Completion Date _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED.** 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 R. Kelly R. Kelly

Title ER Technician Date 3-17-94

Subscribed and sworn to before me this 17th day of March, 1994.

Notary Public Sharon A. Cook Sharon A. Cook

Date Commission Expires October 1, 1994

SEE ATTACHED FOR DETAILS BEW94126.RK



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Form ACO-1 (7-91)

P1

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Farrar (Hole #1) Well # 1-2

Sec. 20 Twp. 33S Rge. 38W East West
 County Stevens

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 (Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | See Attached Driller's Log | | |
| Electric Log Run (Submit Copy.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| List All E.Logs Run: | | | | |
| Electric Resistance Log - Attached | | | | |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|---|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input checked="" type="checkbox"/> Plug Off Zone | (1) First plug - Bentonite set at 50' - 2' plug. | | | |
| | (2) Second plug - Bentonite set at 13' - 10' plug.(See attached Cathodic Protection Borehole sketch). | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|--------------------|--|--|-------|
| First anode set at | 75', second anode at 65', third anode at 55'. | | |
| | | | |
| | | | |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---|--------------|--|----------------|---------------|-----------|--|
| 1" PVC vent from TD to 3' above surface. | | | | | NA | |
| Date of First, Resumed Production, SWD or Inj. Installed 10-18-93 | | Producing Method <input checked="" type="checkbox"/> NA <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | | |
| Estimated Production Per 24 Hours | Oil NA Bbls. | Gas NA Mcf | Water NA Bbls. | Gas-Oil Ratio | Gravity | |

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____

(If vented, submit ACO-18.) Other (Specify) _____

ORIGINAL

OPERATOR: MOBIL OIL CORPORATION

FIELD: HUGOTON

LEASE: FARRAR - 1

WELL NO. 2

FINAL CHECK:

Polarity _____ Date 10-18-93

RECTIFIER DATA: Model AUP

Ser. No. 931678

Setting: C-1, F-4 Volts 4.85

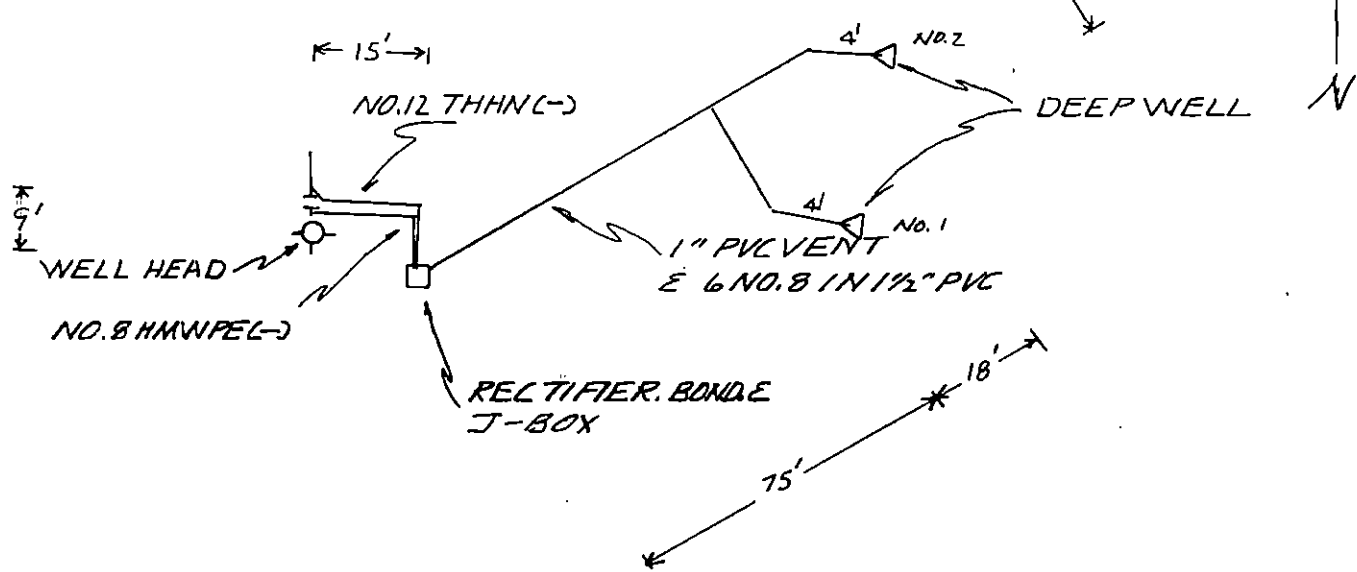
Amps 392

GROUND BED NO. 1 94'E E NE 20-33-38 STEVENS, CO

0' N OF WELL HEAD 4030 FSL + 1051 FEL

GROUND BED NO. 2 99'E E 4068 FSL + 1046 FEL

38' N OF WELL HEAD



POTENTIALS AT INSULATING FLANGE

GROUND BED DATA

| | | | | |
|---------------|--------|--------|----------------------|---------------------------|
| Rectifier | Off | On | No. & Type of Anodes | 6 EA. - 3' X 60" ULAR 79 |
| Well Head | -0.606 | -0.634 | Horizontal | Vertical 7 7/8 X 2-83' EA |
| NNG Flow Line | -0.647 | -0.731 | Backfill | ASBURY 21BR |
| Other | | | Resistance | |

INTERFERENCE DATA

| Line No. and Description | Potential | | IR Drop Mv. | Remarks |
|--------------------------|-----------|----|-------------|--------------------------------|
| | Off | On | | |
| 1 | | | | 0.020 AMP DRAIN FROM FLOW LINE |
| 2 | | | | |
| 3 | | | | |

ADDITIONAL DATA

CORROSION SPECIALISTS, LTD.
CORROSION ENGINEERS, SUPPLIERS, ERECTORS
DENVER - FARMINGTON

FINAL ANODE DRAIN, AMPS

WELL CASING CATHODIC PROTECTION INSTALLATION DATA

*1 = 0.540 *2 = 0.660 *3 = 0.660
*4 = 0.650 *5 = 0.670 *6 = 0.490

DR. BY RTILEB PRO. NO. 394-3 DRG. NO.
SCALE NONE DATE 10-21-93 394-3-20

WELL TYPE GROUND BED DATA

Data Sheet No. 20 HOLE NO. 1

ORIGINAL

COMPANY MOBIL OIL CORPORATION JOB No. 394-3 DATE: 10-16-93

WELL: FARRAR 1-2 PIPELINE _____

LOCATION: SEC. 20 TWP. 33 RGE. 36W CO. STEVENS STATE KANSAS

ELEV. _____ ft. ROTARY _____ ft. CABLE TOOL _____ ft. CASING _____ ft.

GROUND BED: DEPTH 83 ft. DIA. 7 7/8 in. GAB 700 lbs. ANODES 6EA. -3"X60" UCAR 79

| DEPTH. FT. | DRILLER'S LOG | FINAL ANODE TO STRUCTURE | | | EXPLORING ANODE TO STRUCTURE | | | DEPTH TOP OF ANODES |
|------------|--|--------------------------|-----|---|------------------------------|-----|---|---------------------|
| | | E | I | R | E | I | R | |
| 0 | 0-1 TOP SOIL | 12.1 | | | 12.2 | | | |
| 5 | 1-12 GRAY SANDY CLAY | | | | | | | |
| 10 | 12-16 FINE SAND | | | | | | | |
| 15 | 16-19 BROWN CLAY | | | | | | | |
| 20 | 19-31 FINE SAND | | | | | | | |
| 25 | 31-41 FINE SAND / CLAY STREAKS | | | | | | | |
| 30 | 41-56 CEMENTED SAND & GRAVEL | | | | | 1.0 | | |
| 35 | 56-83 RED SANDY CLAY | | | | | .5 | | |
| 40 | | | | | | .2 | | |
| 45 | | | | | | .2 | | |
| 50 | | | | | | .2 | | |
| 55 | | | 3.5 | | | 1.3 | | #3 |
| 60 | | | | | | 1.1 | | |
| 65 | | | 4.0 | | | 1.8 | | #2 |
| 70 | | | | | | 1.6 | | |
| 75 | | | 3.0 | | | 1.5 | | #1 |
| 80 | | | | | | 1.1 | | |
| 85 | | | | | | | | |
| 90 | | | | | | | | |
| 95 | | | | | | | | |
| 100 | | | | | | | | |
| 105 | | | | | | | | |
| 110 | | | | | | | | |
| 115 | | | | | | | | |
| 120 | | | | | | | | |
| 125 | | | | | | | | |
| 130 | | | | | | | | |
| 135 | | | | | | | | |
| 140 | | | | | | | | |
| 145 | | | | | | | | |
| 150 | | | | | | | | |
| | 3' OF HOLE PLUG ON TOP OF COKE & 10' OF HOLE PLUG IN TOP OF HOLE | | | | | | | |
| | PIT OPEN 10-16-93 | | | | | | | |
| | PIT CLOSED 10-18-93 | | | | | | | |

GROUND RESISTANCE: (1) VOLTS _____ + AMPS _____ OHMS

Corrosion Specialists, Ltd.

(2) VIBROGROUND _____ OHMS

Cathodic Protection Borehole

CP - Farrar Well #1-2
Sec. 20-33S-30W
Stevens County, Kansas

ORIGINAL

Hole #1

