

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

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: N/A

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: Catholic Protection Services

License: 31474

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

1/13/95 1/13/95 1/13/95
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21870-0000 **ORIGINAL**

County STEVENS

APPROX W/2 - E/2 - NE Sec. 28 Twp. 34 Rge. 37 X W E

3960 FSL Feet from S/N (circle one) Line of Section

1220 FEL Feet from E/W (circle one) Line of Section

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

Lease Name CP-STURDY Well # 1

Field Name Hugoton

Producing Formation NA **[ANODE REPOSITORY]**

Elevation: Ground 3135 KB NA

Total Depth 100 PBTD NA

Amount of Surface Pipe Set and Cemented at None Feet

Multiple Stage Cementing Collar Used? NA Yes NA No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan ALT 3 JJK 10-18-95
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls

Dewatering method used NA

Location of fluid disposal if hauled offsite: _____

Operator Name NA

Lease Name NA License No. _____

NA Quarter Sec. NA Twp. NA S Rng. NA E/W

County NA Docket No. NA

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 Sharon A. Cook Sharon A. Cook

Title Regulatory Assistant Date 2-13-95

Subscribed and sworn to before me this 13th day of February, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires AUGUST 18, 1998

DEW95097.SAC

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appt. Exp. 08-18-98

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)
STATE COMMISSION

STATE ()
FEB 17 1995
FORM ACO-1 (7-91)

CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name Mobil Oil Corporation Lease Name CP- STURDY Well # 1
 Sec. 28 Twp. 34 Rge. 37 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Electric Resistance Log - Attached | <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum Name Top Datum SEE ATTACHED DRILLER'S LOG |
|---|--|

| 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 13' - 3' plug. | | | |
| | (2) Second plug - Bentonite set at 24' - 22' plug. | | | |

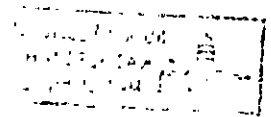
| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | |
|----------------|--|---|--|--|
| | First anode set at | 90', second anode at 80', third anode at 65'. | | |
| | | | | |
| | | | | |

| | | | | |
|--|--------------|---|----------------|--|
| 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 1/13/95 | | 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 Bbls. NA | Gas Mcf NA | Water Bbls. NA | Gas-Oil Ratio Gravity |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____



DATA SHEET

COMPANY MOBILE E&P JOB No. 80100370 DATE: 1-13-95
 WELL: STURDY 1 PIPELINE:
 LOCATION: SEC. 28 TWP. 34 RGE. 37 CO. STEVENS STATE KS
 ANODE TYPE: LIDA ONE FT: ROTARY 100 FT: CASING _____ FT.

DEEP GROUND BED LOGGING DATA

| DRILL. DEPTH LOG (FT) | ANODE TO STRUCTURE | | | ANODES TOP DEPTH | DRILL DEPTH LOG (FT) | ANODE TO STRUCTURE | | | ANODES TOP DEPTH |
|--------------------------|-----------------------|-------|----|------------------------|-------------------------|-----------------------|-------|----|------------------------|
| | EXPLOR | FINAL | NO | | | EXPLOR | FINAL | NO | |
| | OHM | OHM | | | | OHM | OHM | | |
| 5 | | | | | 205 | | | | |
| HOLE PLUG 10 | | | | 3'-13' | 210 | | | | |
| EARTH FILL 15 | | | | 13'-22' | 215 | | | | |
| 20 | | | | | 220 | | | | |
| HOLE PLUG 25 | | | | 22'-24' | 225 | | | | |
| 30 | 1.11 | | | | 230 | | | | |
| 35 | .970 | | | | 235 | | | | |
| 40 | 1.02 | | | | 240 | | | | |
| 45 | 1.00 | | | | 245 | | | | |
| 50 | .830 | | | | 250 | | | | |
| 55 | .890 | | | | 255 | | | | |
| 60 | .870 | | | | 260 | | | | |
| 65 | .910 | | 3 | | 265 | | | | |
| 70 | .870 | | | | 270 | | | | |
| 75 | .970 | | | | 275 | | | | |
| 80 | 1.41 | | 2 | | 280 | | | | |
| 85 | 1.37 | | | | 285 | | | | |
| 90 | .910 | | 1 | | 290 | | | | |
| 95 | | | | | 295 | | | | |
| 100 | | | | | 300 | | | | |
| 105 | | | | | 305 | | | | |
| 110 | | | | | 310 | | | | |
| 115 | | | | | 315 | | | | |
| 120 | | | | | 320 | | | | |
| 125 | | | | | 325 | | | | |
| 130 | | | | | 330 | | | | |
| 135 | | | | | 335 | | | | |
| 140 | | | | | 340 | | | | |
| 145 | | | | | 345 | | | | |
| 150 | | | | | 350 | | | | |
| 155 | | | | | 355 | | | | |
| 160 | | | | | 360 | | | | |
| 165 | | | | | 365 | | | | |
| 170 | | | | | 370 | | | | |
| 175 | | | | | 375 | | | | |
| 180 | | | | | 380 | | | | |
| 185 | | | | | 385 | | | | |
| 190 | | | | | 390 | | | | |
| 195 | | | | | 395 | | | | |
| 200 | | | | | 400 | | | | |

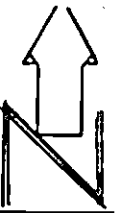
PIT CLOSED 1-13-95 HOLE PLUG SET 1-13-95

STURDY 1 28-34-37
3960 FSL 1320 FEL ELEC?y

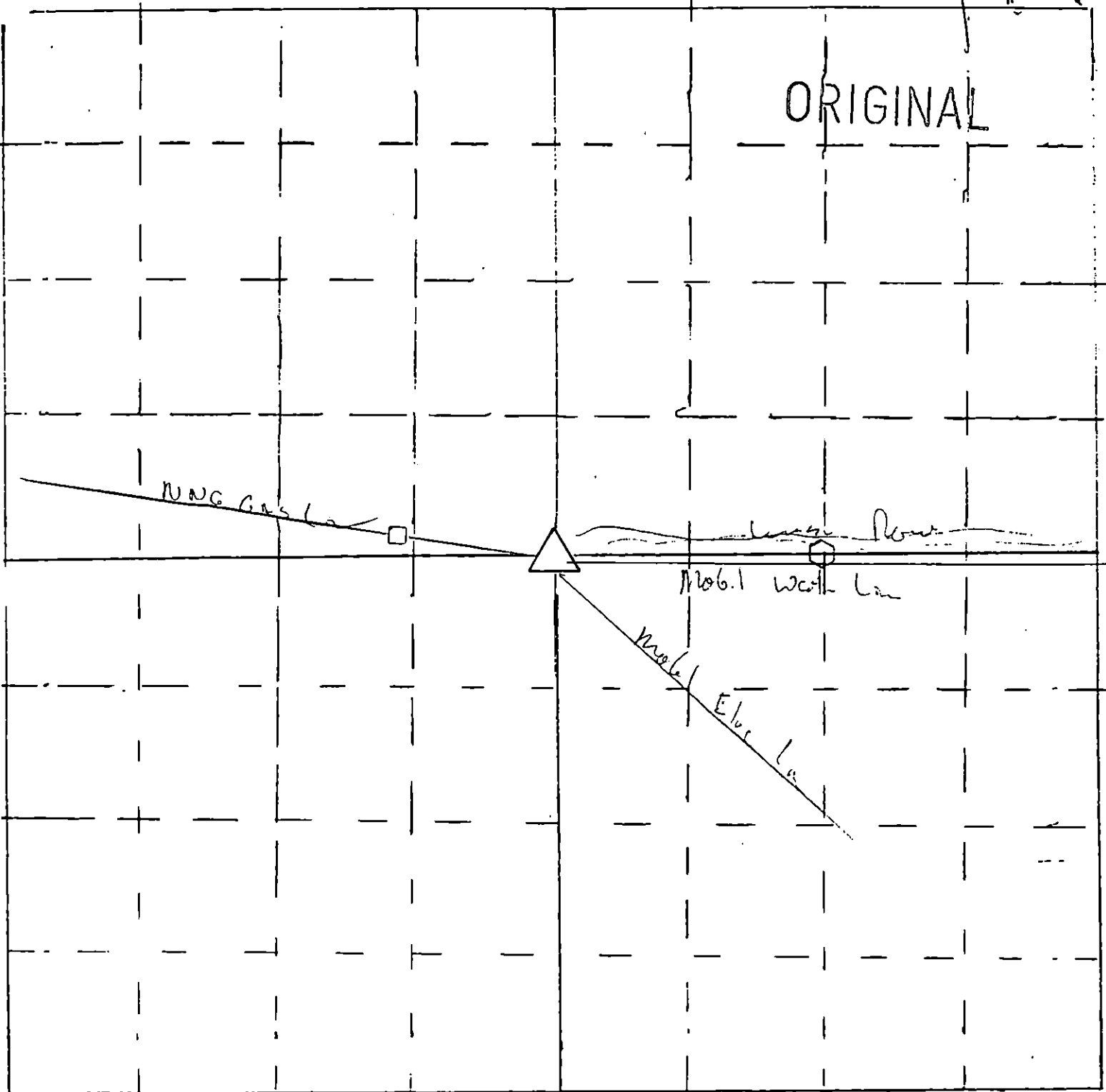
23

m. 10

0-20 Clay
20-40 sand
40-100 Clay
1-13-95



ORIGINAL



- △ = gas well location
- = cathodic deep well location

Scale = 1" = 50'

□ = meter house

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