

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

API NO. 15- 189-21578 ^{100.00} ORIGINAL

County Stevens
- NW - NW - SE Sec. 6 Twp. 33S Rge. 35W X W E

2558 FSL Feet from S/N (circle one) Line of Section
2636 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-Mann (Hole #1) Well # 2

Field Name Hugoton

Producing Formation NA

Elevation: Ground 2985 KB

Total Depth 105 PBDT 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 27 7-11-94
(Data must be collected from the Reserve Pit) NA

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173
2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: NA

Operator Contact Person: Rae Kelly

Phone (316) 626-1160

Contractor: Name: Midwest Well & Pump

License: 0532

Wellsite Geologist:

Designate Type of Completion
 New Well Re-Entry Workover

 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry X 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 PBDT
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

10-11-93 10-12-93
Spud Date Date Reached TD Completion Date

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 BEW94124.RK

SHARON A. COOK
NOTARY PUBLIC
STATE OF KANSAS
My Comm. Exp. 10-1-94

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 (APP-91)
STATE CORPORATION COMMISSION
RECEIVED
MAR 28 1994
3-28-1994
CONSERVATION DIVISION
Wichita, Kansas

P1

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Mann (Hole #1) Well # 2
 Sec. 6 Twp. 33S Rge. 35W 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 Electric Resistance Log - Attached

Log Sample
Formation (Top), Depth and Datums
 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 ID				
<input checked="" type="checkbox"/> Plug Off Zone				
	(1) First plug - Bentonite set at 70' - 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	95', second anode at 85', third anode at 75'.		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
1" PVC vent from ID to 3' above surface.					NA	
Date of First, Resumed Production, SWD or Inj. Installed 10-12-93			Producing Method <input 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: MANN

WELL NO. 2

FINAL CHECK:

Polarity _____ Date 10-12-93

RECTIFIER DATA: Model AUP

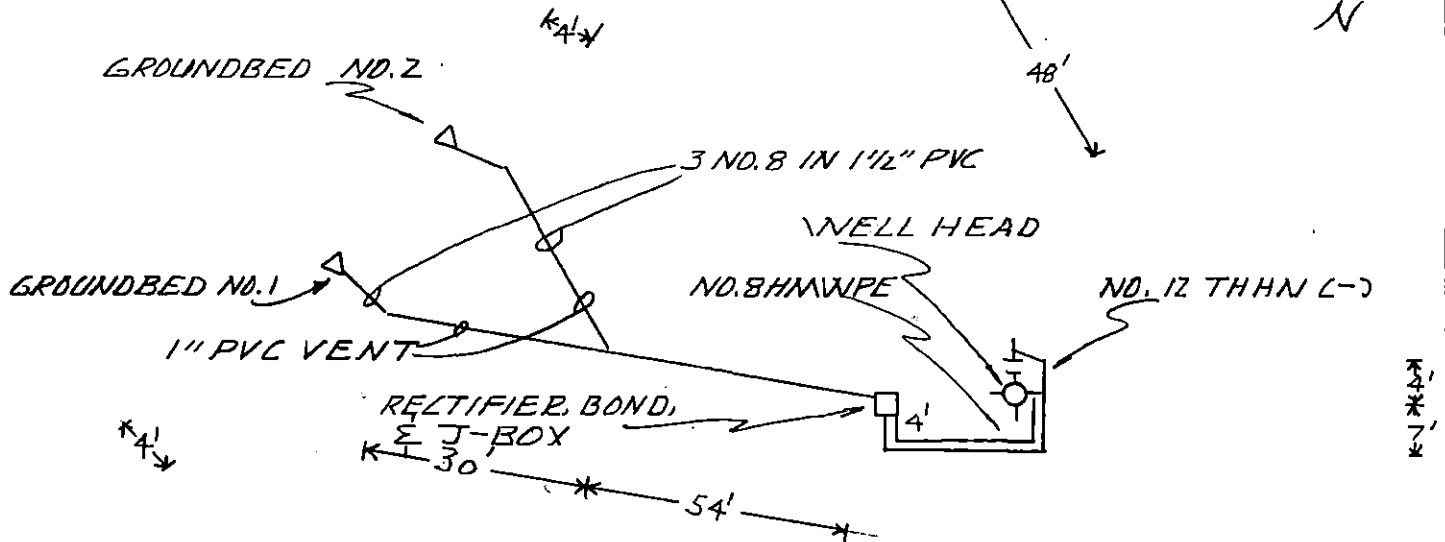
Ser. No. 931689

Setting: C-1, F-4

Volts 4.16

Amps 4.87

GROUND BED NO. 1 SE 6-33-35 STEVENS CO.
 96' W & 18' N OF 2558' FSL + 2631 FEL
 WELL HEAD
 GROUND BED NO. 2
 90' W & 55' N OF 2595' FSL + 2630 FEL
 WELL HEAD



POTENTIALS AT INSULATING FLANGE

GROUND BED DATA

Rectifier	Off	On	No. & Type of Anodes	6 EA. - 3" X 60" UCLAR 79
Well Head	-0.605	-0.677	Horizontal	Vertical 7 7/8 X 2-105'
NNB Flow Line	-0.558	-0.781	Backfill	ASBURY 218 R
Other			Resistance	

INTERFERENCE DATA

Line No. and Description	Off	Potential	On	IR Drop Mv.	Remarks
1					0.070 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 = 0.710 #2 = 0.410 #3 = 0.260
 #4 = 1.14 #5 = 0.510 #6 = 0.330

DR. BY RT/LEB

PRO. NO. 394-3

ORG. NO.

SCALE NONE

DATE 10-17-93

394-3-14

WELL TYPE GROUND BED DATA

ORIGINAL

Data Sheet No. 14 HOLE NO. 1

COMPANY MOBIL OIL CORPORATION JOB No. 394-3 DATE: 10-11-93

WELL: MANN Z PIPELINE _____

LOCATION: SEC. 5E TWP. 33 RGE. 35 CO. STEVENS STATE KANSAS

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

GROUND BED: DEPTH 105 ft. DIA. 7 7/8 in. GAB 800 lbs. ANODES 3 #EA. - 3" X 60" 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	12.0			12.0			
5	1-21 BROWN SANDY CLAY							
10	21-35 FINE SAND / CLAY STREAKS							
15	35-41 BROWN CLAY							
20	41-61 FINE, MED. & COARSE SAND							
25	61-73 COARSE SAND							
30	73-105 BROWN CLAY					0.3		
35						.8		
40						.5		
45						.3		
50						.2		
55						.2		
60						.1		
65						.2		
70						.7		
75			3.0			.8		#3
80						.7		
85			3.4			.8		#2
90						1.4		
95			3.3			1.5		#1
100						1.3		
105								
110								
115								
120								
125								
130								
135								
140								
145								
150								
	3' OF HOLE PLUG ON TOP OF COKE & 10' OF COKE IN TOP OF HOLE							
	PIT OPEN 10-11-93							
	PIT CLOSED 10-12-93							

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

Corrosion Specialists, Ltd.

(2) VIBROGROUND _____ OHMS

Cathodic Protection Borehole

CP - Mann Well #2
Sec. 6-33S-35W
Stevens County, Kansas

ORIGINAL

Hole #1

