FORM MUST BE TYPED

SIDE ONE

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- 189-21585-00-00

County Stevens

___E
___ - ___ - ___ - NW Sec. 18 Twp. 33 S Rge. 36W X W

3945 FSL Feet from S/N (circle one) Line of Section

4068 FEL Feet from E/W (circle one) Line of Section

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

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:

Lease Name CP-Barbee (Hole #1) Well # 3

Field Name Hugoton

Producing Formation NA

Elevation: Ground 3070.5 KB

Total Depth 98 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.

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)

Drilling Fluid Management Plan ALT 3 JH 7-18-94
(Data must be collected from the Reserve Pit) NA

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.

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.

10-14-93 Spud Date | Date Reached TD | 10-15-93 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, 19 94.

Notary Public Sharon A. Cook Sharon A. Cook

Date Commission Expires October 1, 1994

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)

SEE ATTACHED FOR DETAILS BEW94113.RK

Form ACO-1 (7-91)

P1

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Barbee (Hole #1) Well # 3

Sec. 18 Twp. 33S Rge. 36W ☐ 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.)	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☐ Yes	☒ No

List All E.Logs Run:

Electric Resistance Log - Attached

☒ Log **Formation (Top), Depth and Datums** ☐ Sample

Name Top Datum

See Attached Driller's Log

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

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD _X_ Plug Off Zone	(1) First plug - Bentonite set at 68' - 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 90', second anode at 82', third anode at 73'.		

TUBING RECORD Size Set At Packer At Liner Run NA ☐ Yes ☐ No

1" PVC vent from TD to 3' above surface.

Date of First, Resumed Production, SWD or Inj.	Producing Method
Installed 10-15-93	NA ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	NA	NA		

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

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)

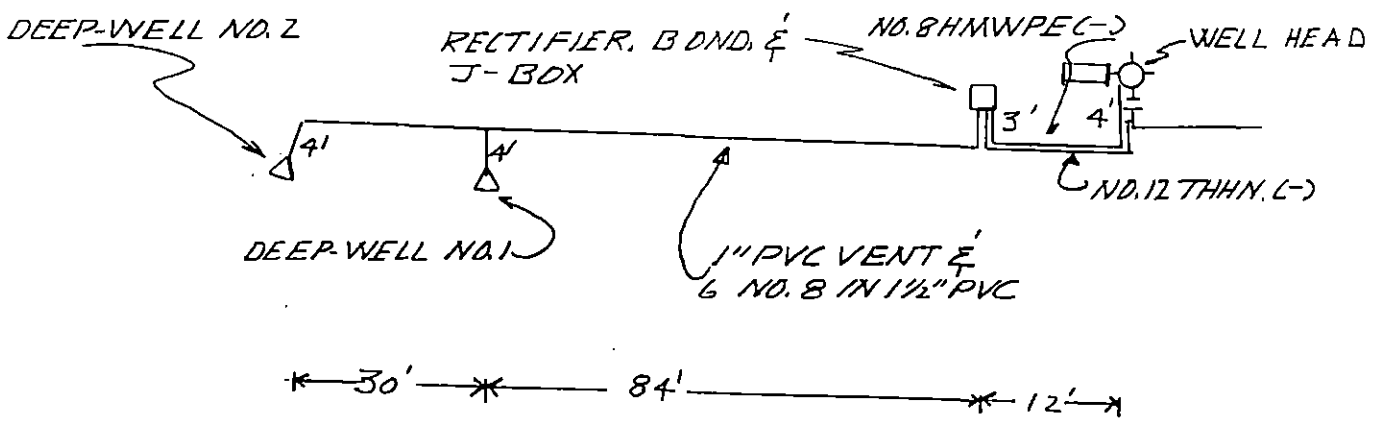
ORIGINAL

OPERATOR: MOBIL OIL CORPORATION

FIELD: HUGOTON	LEASE: BARBEE	WELL NO. 3
FINAL CHECK: Polarity Date 10-15-93	RECTIFIER DATA: Model ALP Setting: C-1, F-4	Ser. No. 931694 Volts 4.82 Amps 3.72

GROUNDBED NO. 1 - 15'S E
108'W OF WELL HEAD
GROUNDBED NO. 2 15'S E
138'W OF WELL HEAD

NW 18-33-36 STEVENS, CO.
3945 FSL + 4068 FEL
3945 FSL + 4098 FEL



POTENTIALS AT INSULATING FLANGE			GROUNDBED DATA
Rectifier	Off	On	No. & Type of Anodes 6 EA. - 3"X60" UCAR 79
Well Head	-0.780	-0.830	Horizontal Vertical 7 7/8 X 2-98'
NNG Flow Line	-0.729	-0.746	Backfill ASBURY 2/BR
Other			Resistance

INTERFERENCE DATA

Line No. and Description	Potential Off	Potential On	IR Drop Mv.	Remarks
1				0.240 AMP DRAIN FROM FLOW LINE
2				
3				

ADDITIONAL DATA

FINAL ANODE DRAIN, AMPS

#1 = 0.530 #2 = 0.310 #3 = 0.280
#4 = 0.710 #5 = 0.970 #6 = 0.260

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

WELL CASING CATHODIC PROTECTION INSTALLATION DATA

DR. BY RTILEB	PRO. NO. 394-3	DRG. NO.
SCALE NONE	DATE 10-17-93	394-3-16

WELL TYPE GROUNDBED DATA

ORIGINAL

Data Sheet No. 16 HOLE NO. 1

COMPANY MOBIL OIL CORPORATION JOB No. 394-3 DATE: 10-14-93

WELL: BARBEE 3 PIPELINE

LOCATION: SEC. NW 18 TWP. 33 RGE. 36 CO. STEVENS STATE KANSAS

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

GROUNDBED: DEPTH 98 ft. DIA. 7 7/8 in. GAB 700 lbs. ANODES 3 ~~5~~ EA. -3"X60" UCAR 79

DEPTH. FT.	DRILLER'S LOG	FINAL ANODE TO STRUCTURE E	FINAL ANODE TO STRUCTURE I	FINAL ANODE TO STRUCTURE R	EXPLORING ANODE TO STRUCTURE E	EXPLORING ANODE TO STRUCTURE I	EXPLORING ANODE TO STRUCTURE R	DEPTH TOP OF ANODES
0	0 - 1 TOP SOIL	12.0			12.0			
5	1 - 38 BROWN SANDY CLAY							
10	38 - 56 BROWN CLAY & GYP							
15	56 - 59 COARSE SAND & GRAVEL							
20	59 - 80 BROWN SANDY CLAY							
25	80 - 81 COARSE SAND & GRAVEL							
30	81 - 86 BROWN CLAY & SAND					0.3		
35	86 - 98 BROWN CLAY & GYP					.3		
40						.3		
45						.5		
50						.3		
55						.4		
60						.4		
65						.4		
70						.4		
75			2.1			.8		#3 - 73'
80						.7		
85			3.9			1.5		#2 - 82'
90			3.1			1.7		#1 - 90'
95						1.7		
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 10-14-93							
	PIT CLOSED 10-14-93							

GROUNDED RESISTANCE: (1) VOLTS _____ + AMPS _____ = _____ OHMS

(2) VIBROGROUND _____ OHMS

Corrosion Specialists, Ltd.

Cathodic Protection Borehole ORIGINAL

CP - Barbee Well #3
Sec. 18-33S-36W
Stevens County, Kansas

Hole #1