

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- 189-21580-00-00
County Stevens
- NE - SE - SW Sec. 13 Twp. 33 S Rge. 37 W X W

Operator: License # 5208

1326 FSL Feet from S (circle one) Line of Section

Name: Mobil Oil Corporation

2787 FEL Feet from E (circle one) Line of Section

Address P.O. Box 2173
2319 North Kansas Avenue

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

City/State/Zip Liberal, KS 67905-2173

Lease Name CP-Toole Well # 2

Purchaser: NA

Field Name Hugoton

Operator Contact Person: Rae Kelly

Producing Formation NA

Phone (316) 626-1160

Elevation: Ground 3080 KB

Contractor: Name: Midwest Well & Pump

Total Depth 92 PBDT NA

License: 0532

Amount of Surface Pipe Set and Cemented at None Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? NA Yes NA No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set NA Feet

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

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

If Workover:

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

Operator: _____

Chloride content _____ ppm Fluid volume _____ bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name _____

Lease Name _____ License No. _____

10-15-93 Spud Date 10-16-93 Completion Date
Date Reached TD

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,
19 94.
Notary Public Sharon A. Cook Sharon A. Cook
Date Commission Expires October 1, 1994

SEE ATTACHED FOR DETAILS BEW94115.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 (7-92)
STATE CORPORATION COMMISSION
RECEIVED
MAR 28 1994
3-28-94
CONSERVATION DIVISION
Wichita, Kansas
W.C.C.

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Toole Well # 2
 Sec. 13 Twp. 33S Rge. 37W East County Stevens
 West

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 Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum See Attached Driller's Log
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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 30' - 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 83', second anode at 75', third anode at 65', fourth anode at 55', fifth anode at 45', sixth anode at 35'.			

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 10-16-93	Producing Method 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: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval _____

ORIGINAL

OPERATOR: MOBIL OIL CORPORATION

FIELD: HUGOTON

LEASE: TOOLE NO. 1

WELL NO. 2

FINAL CHECK:

Polarity _____ Date 10-16-93

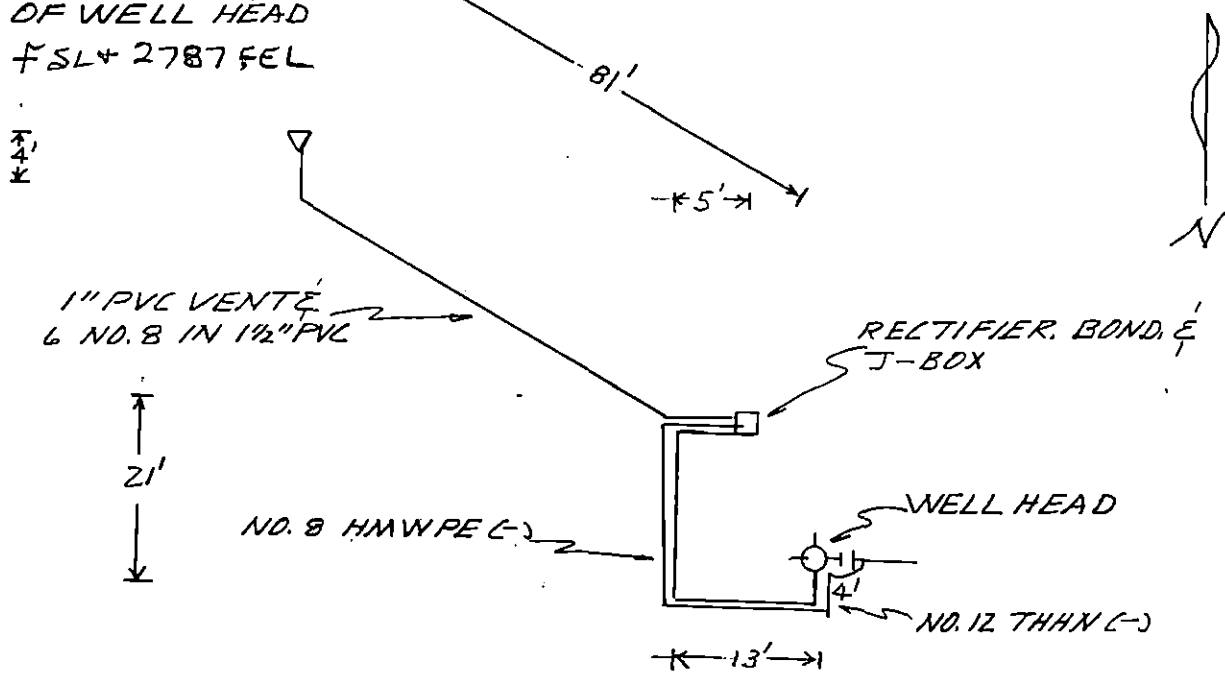
RECTIFIER DATA: Model AUP

Ser. No. 931696

Setting: C-1, F-6 Volts 8.02 Amps 3.6

DEEPWELL 67' W E
76' N OF WELL HEAD
1326 FSL + 2787 FEL

SW 13-35-37 STEVENS, CO.



POTENTIALS AT INSULATING FLANGE

GROUND BED DATA

Rectifier	Off	On	No. & Type of Anodes
Well Head	-0.660	-0.834	6 EA. - 3' X 60" LICAR 79
NNG Flow Line	-0.740	-0.926	Horizontal Vertical 7 7/8 X 92'
Other			Backfill ASBURY ZIBR
			Resistance

INTERFERENCE DATA

Line No. and Description	Off Potential	On	IR Drop Mv.	Remarks
1				0.040 AMP DRAIN FROM FLOW LINE
2				
3				

ADDITIONAL DATA

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

FINAL ANODE DRAIN, AMPS

#1 = 1.27 #2 = 0.360 #3 = 0.350
#4 = 0.240 #5 = 0.330 #6 = 0.870

WELL CASING CATHODIC PROTECTION
INSTALLATION DATA

DR. BY RTILEB

PRO. NO. 394-3

STATE NO. 394

SCALE NONE

DATE 10-17-93

MAR 28 1994

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CONSERVATION DIVISION
Wichita, Kansas

WELL TYPE GROUND BED DATA

ORIGINAL

Data Sheet No. 17

COMPANY MOBIL OIL CORPORATION JOB No. 394-3 DATE: 10-15-93

WELL: TODDLE 2 PIPELINE _____

LOCATION: SEC. ^{SW}13 TWP. 33 RGE. 37 CO. STEVENS STATE KANSAS

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

GROUND BED: DEPTH 92 ft. DIA. 7 7/8 in. GAB 1400 lbs. ANODES 6 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	0-5 SAND	12.1			12.1			
5	5-10 BROWN CLAY							
10	10-14 FINE SAND							
15	14-18 BROWN CLAY							
20	18-21 FINE SAND							
25								
30								
35			2.1					#6
40								
45			1.9					#5
50								
55			1.8					#4
60								
65			1.8					#3
70								
75			2.2					#2
80								
85			2.8					#1 - 83'
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 10-15-93							
	PIT CLOSED 10-16-93							

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

Corrosion Specialists, Ltd.

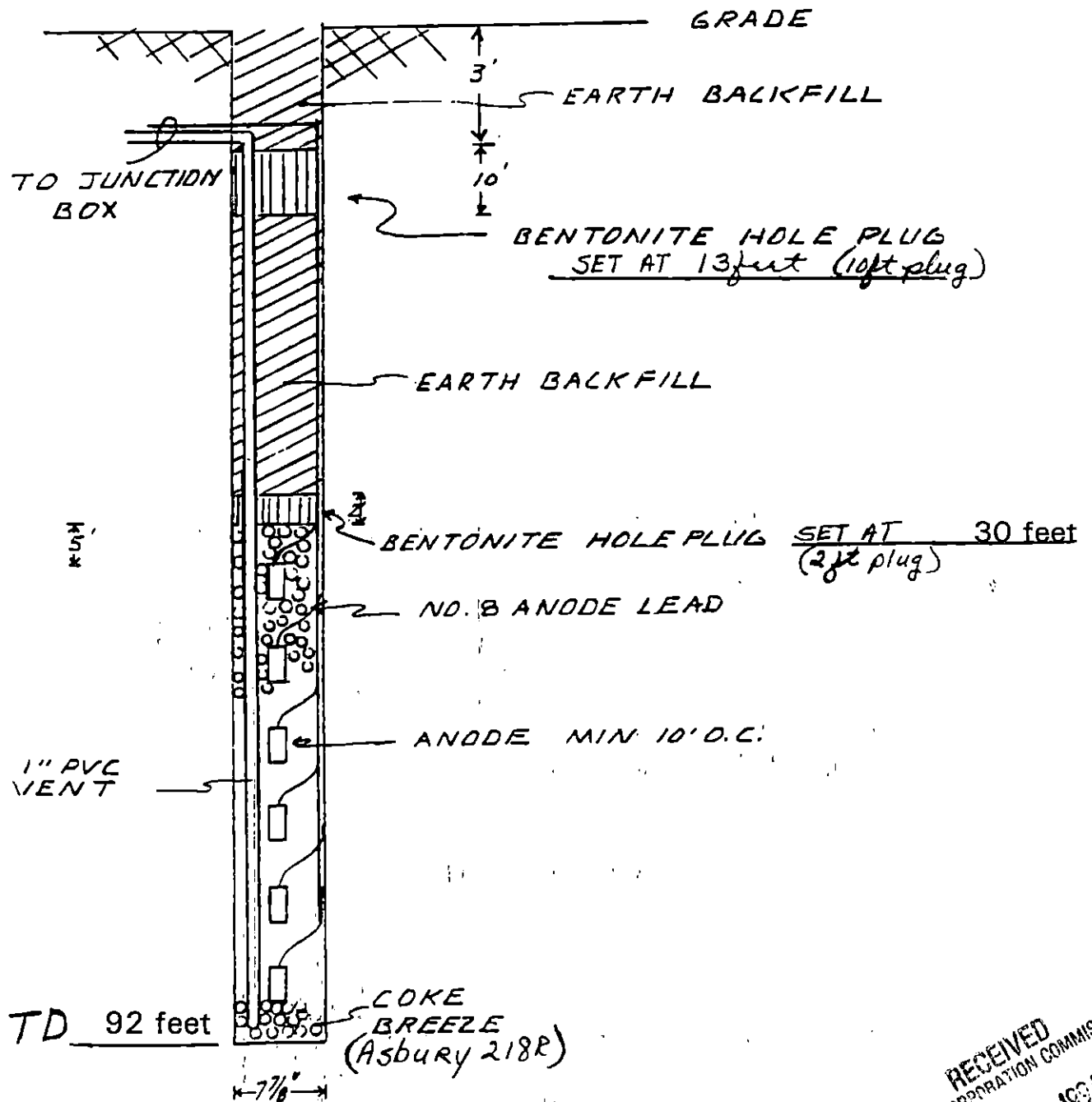
(2) VIBROGROUND _____ OHMS

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Cathodic Protection Borehole

CP - Toole Well #2
Sec. 13-33S-37W
Stevens County, Kansas

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