

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

API NO. 15- 189-21664-00

ORIGINAL

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: _____

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: CPS

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 100

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

7-20-94 7-20-94
Spud Date Date Reached TD Completion Date

County Stevens

NE - SW - NW Sec. 15 Twp. 34 S Rge. 37 X W

3930 Feet from S/N (circle one) Line of Section

4030 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-Crawford WB Well # 1-2

Field Name Hugoton

Producing Formation NA

Elevation: Ground 3149 KB NA

Total Depth 100 PBTB 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 CB alt III 12-16-94
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls

Disposal 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

STATE CORPORATION COMMISSION
RECEIVED
OCT 2 1994
CONSERVATION DIVISION
WICHITA, KANSAS

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 8-19-94

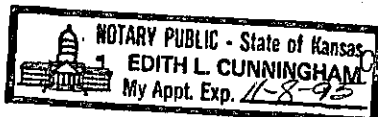
Subscribed and sworn to before me this 23 day of August, 19 94.

Notary Public Edith L. Cunningham

Date Commission Expires November 8, 1995

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)



CONSERVATION DIVISION
WICHITA, KANSAS

PT

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Crawford WB Well # 1-2
 Sec. 15 Twp. 34 S 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 Datums 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 35' - 2' plug.			
	(2) Second plug - Bentonite set at 14' - 10.5' 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 80', second anode at 55', third anode at 45'.		

TUBING RECORD		Size Set At	Packer At	Liner Run NA <input type="checkbox"/> Yes <input type="checkbox"/> No
1" PVC vent from TD to 3' above surface.				
Date of First, Resumed Production, SWD or Inj. Installed 7-20-94		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 Bbls. NA	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 _____

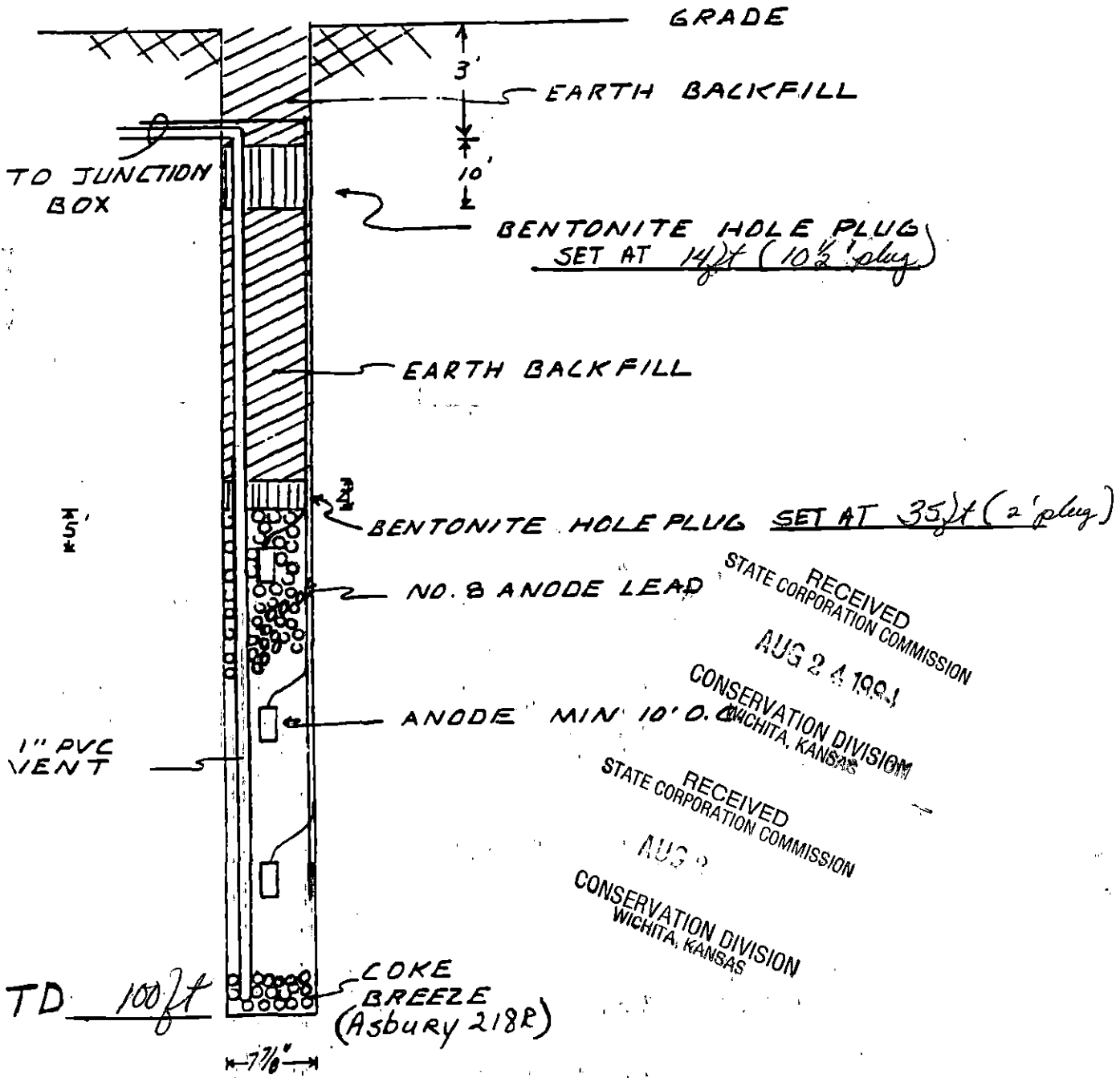
Cathodic Protection Borehole

CP-Crawford WB #1-2

Sec. 15-34S-37W

Stevens County, Kansas

ORIGINAL



CATHODIC PROTECTION SERVICES COMPANY

LIBERAL, KANSAS

DATA SHEET NO. _____

COMPANY Mobil E+P JOB NO. 801-00370 DATE: 7/20/94
 WELL: W.B. Crawford #2 PIPELINE: _____
 LOCATION: Sec. 15 Twp. 34 Rge. 37 Co. Steven State Kansas
 ROTARY 100 FT. CASING FT.

DEEP GROUND BED LOGGING DATA

ORIGINAL

DRILL LOG	DEPTH (FT)	ANODE TO STRUCTURE		ANODES TO CABLE	ANODE TO CABLE	DRILL LOG	DEPTH (FT)	ANODE TO STRUCTURE		ANODES TO CABLE	ANODE TO CABLE	
		EXPLOR ohm	FINAL ohm					NO.	TOP DEPTH			EXPLOR ohm
	5						205					
Plug	10				14-3 1/2'		210					
	15						215					
Earthfill	20				33'-14'		220					
	25						225					
	30						230					
Plug	35	1.14			35'-33'		235					
	40	1.13					240					
	45	1.21	3				245					
	50	1.12					250					
	55	.610	2		COKE		255					
	60	.300					260					
	65	.360			COLUMN		265					
	70	.250					270					
	75	.660					275					
	80	1.02	1				280					
	85	.810					285					
	90	.75					290					
	95						295					
	100						300					
	105						305					
	110						310					
	115						315					
	120				RECEIVED		320					
	125				STATE CORPORATION COMMISSION		325					
	130						330					
	135				AUG 2 1994		335					
	140						340					
	145				CONSERVATION DIVISION		345					
	150				WICHITA, KANSAS		350					
	155						355					
	160						360					
	165						365					
	170						370					
	175						375					
	180						380					
	185						385					
	190						390					
	195						395					
	200						400					

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

Pit Closed
7/20/94

(2) VIBROGROUND _____ OHMS

W.B. Crawford Well #2

CATHODIC PROTECTION SERVICES CO.
WELL TYPE GROUNDBED DATA

CUSTOMER: MOBILE OIL CORP
LOCATION: 15-34-27-

DRILLING COMPANY: RAY'S DRILLING
DRILLER: RAYMENT

HOLE DEPTH: 100'
DIAMETER: 6"

CASING TYPE: STEEL PCV
SEAL TYPE: CEMENT BENTONITE

DATE: 7-20-94

ORIGINAL

DEPTH	CASING	SEAL	FORMATION LOG	H2O	SEAL	DEPTH	CASING	SEAL	FORMATION LOG	H2O	SEAL
5			BROWN CLAY			305					
10						310					
15			BROWN SAND			315					
20						320					
25			BROWN SAND + CLAY			325					
30						330					
35						335					
40						340					
45			BROWN CLAY			345					
50						350					
55						355					
60						360					
65			BROWN SAND STONE			365					
70						370					
75						375					
80						380					
85			BROWN CLAY			385					
90						390					
95						395					
100						400					
105						405					
110						410					
115						415					
120						420					
125						425					
130						430					
135						435					
140						440					
145						445					
150						450					
155						455					
160						460					
165						465					
170						470					
175						475					
180						480					
185						485					
190						490					
195						495					
200						500					
205						505					
210						510					
215						515					
220						520					
225			RECEIVED			525					
230			STATE CORPORATION COMMISSION			530					
235						535					
240						540					
245			AUG 24 1994			545					
250						550					
255						555					
260			CONSERVATION DIVISION			560					
265			WICHITA, KANSAS			565					
270						570					
275						575					
280						580					
285						585					
290						590					
295						595					
300						600					

#20