

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- 189-21581-00-00

Operator: License # 5208

County Stevens

Name: Mobil Oil Corporation

- - - - NW Sec. 23 Twp. 33S Rge. 36W X W

Address P.O. Box 2173

3936 FSL Feet from SYN (circle one) Line of Section

2319 North Kansas Avenue

3903 FEL Feet from E/W (circle one) Line of Section

City/State/Zip Liberal, KS 67905-2173

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

Purchaser: NA

Lease Name CP-Wayland Well # 1-3

Operator Contact Person: Rae Kelly

Field Name Hugoton

Phone (316) 626-1160

Producing Formation NA

Contractor: Name: Midwest Well & Pump

Elevation: Ground 3026.8 KB

License: 0532

Total Depth 121 PBTD NA

Wellsite Geologist:

Amount of Surface Pipe Set and Cemented at None Feet

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)

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.

If Workover:

Drilling Fluid Management Plan alt 3 CB 5-27-94
(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 PBTD
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

10-20-93 10-21-93
Spud Date Date Reached TD Completion Date

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 1994.

Notary Public Sharon A. Cook Sharon A. Cook

Date Commission Expires October 1, 1994

SEE ATTACHED FOR DETAILS BEW94122.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 (7-91)

PI

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Wayland Well # 1-3

Sec. 23 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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached Driller's Log		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				
Electric Resistance Log - Attached				

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 50' - 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 110', second anode at 100', third anode at 90', fourth anode at 80', fifth anode at 70', sixth anode at 55'.			

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 10-21-93	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

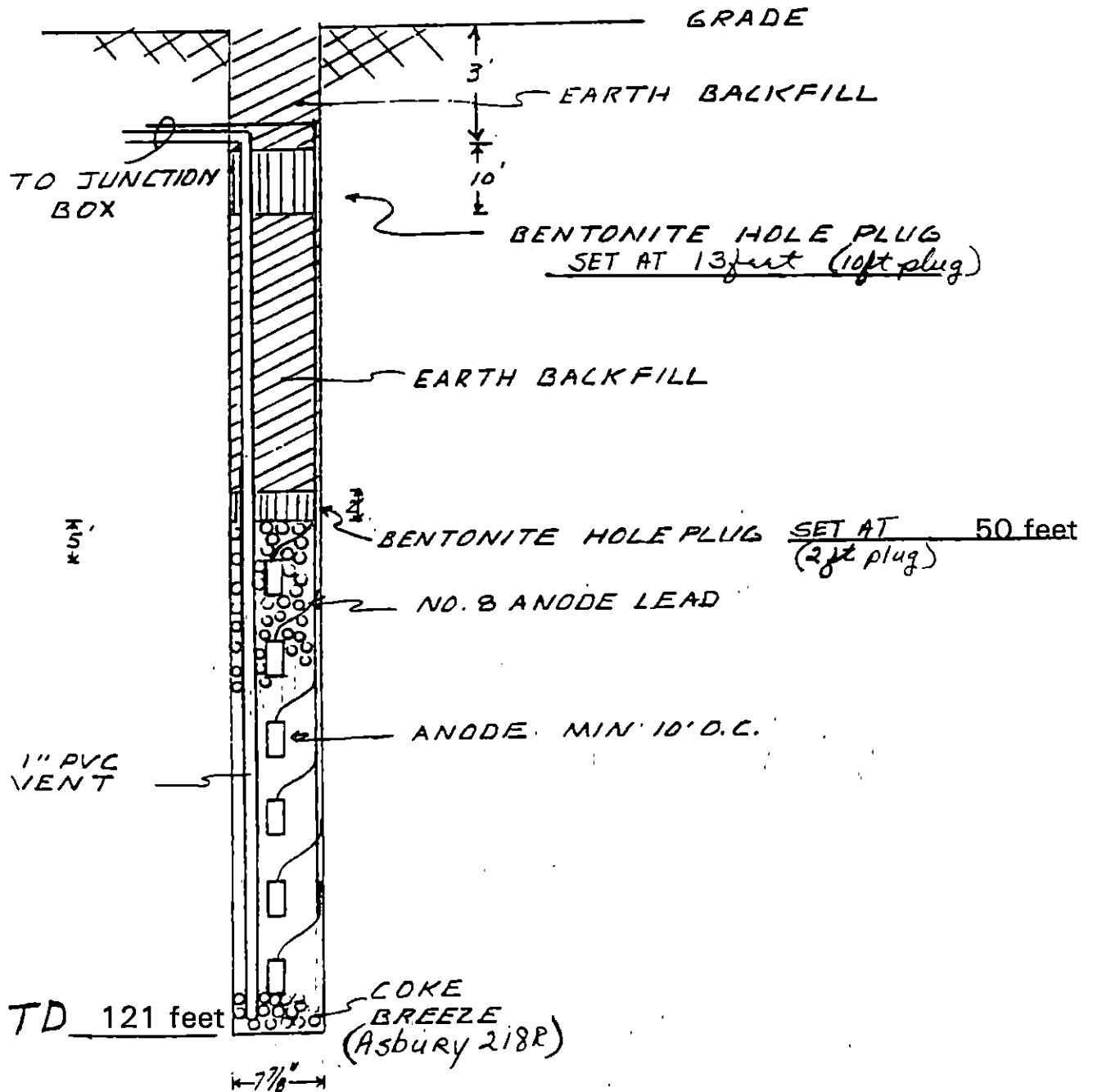
Other (Specify) _____

Production Interval _____

Cathodic Protection Borehole

ORIGINAL

CP - Wayland Well #1-3
Sec. 23-33S-36W
Stevens County, Kansas



WELL TYPE GROUNDBED DATA

Data Sheet No. 24

ORIGINAL

COMPANY MOBIL OIL CORPORATION JOB No. 394-3 DATE: 10-20-93

ELL: WAVLAND 1-3 PIPELINE _____

LOCATION: SEC. 23 TWP. 33 RGE. 36 CO. STEVENS STATE KANSAS

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

GROUNDBED: DEPTH 121 ft. DIA. 7 7/8 in. GAB 1400 lbs. ANODES 6 EA. -3"X60" 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	12.2			12.2			
5	1-12 GRAY SANDY CLAY							
10	12-16 FINE SAND							
15	16-19 BROWN CLAY							
20	19-31 FINE SAND							
25	31-41 FINE SAND (CLAY STREAKS)							
30	41-56 CEMENTED SAND & GRAVEL					0.3		
35						.3		
40	56-61 BROWN CLAY (CLAY STREAKS)					.2		
45	61-121 BROWN CLAY					1.2		
50						2.1		
55			4.1			1.7		#6
60						1.2		
65						1.0		
70			4.0			1.4		#5
75						2.3		
80			5.1			2.2		#4
85						1.9		
90			4.4			1.7		#3
95						1.4		
100			4.7			1.5		#2
105						1.2		
110			5.6			2.2		#1
115						2.3		
120								
125								
130								
135								
140								
145								
150								
	3' OF HOLE PLUG ON TOP OF CORE & 10' OF HOLE PLUG IN TOP OF HOLE							
	PIT OPEN 10-20-93							
	PIT CLOSED 10-21-93							

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

Corrosion Specialists, Ltd.

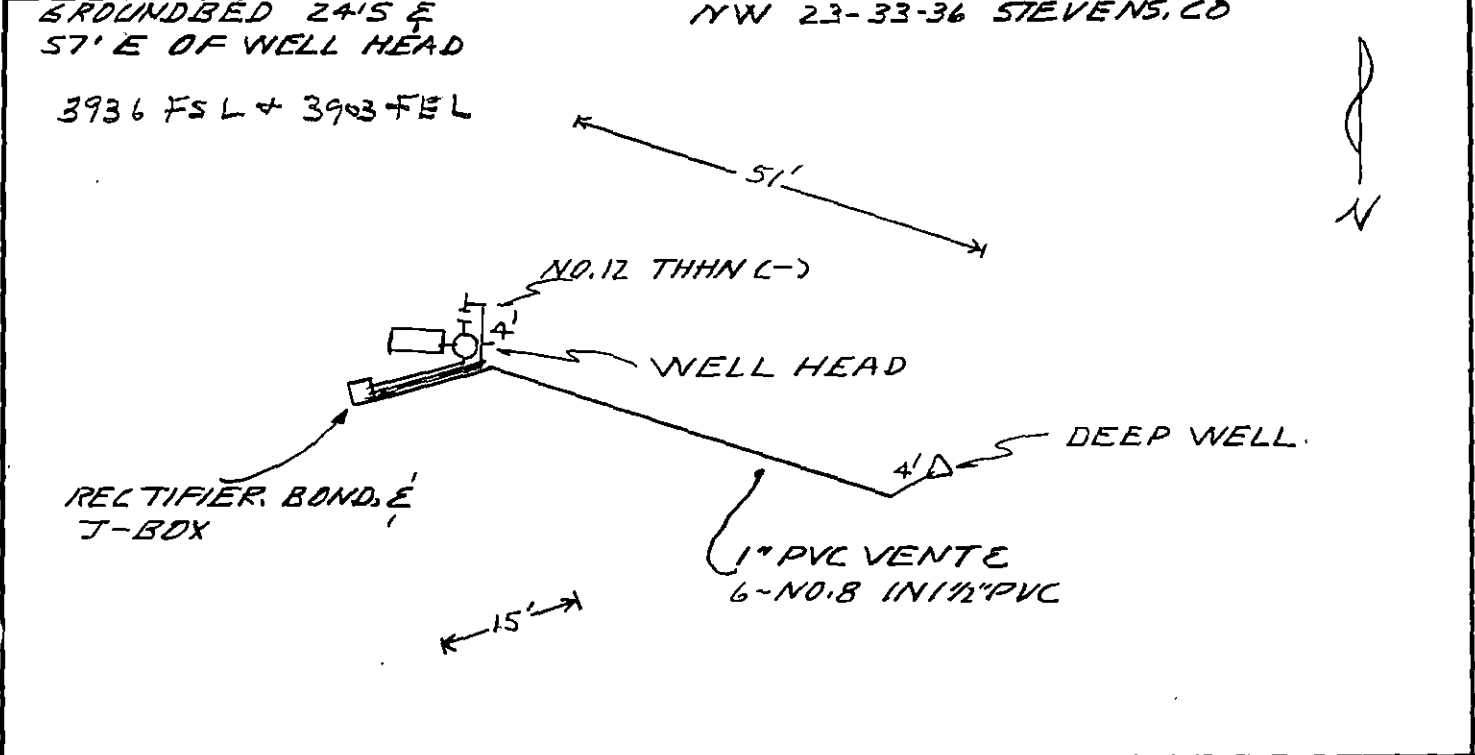
(2) VIBROGROUND _____ OHMS

ORIGINAL

OPERATOR: **MOBIL OIL CORPORATION**

FIELD: **HUGOTON** LEASE: **WAYLAND 1** WELL NO. **3**

FINAL CHECK: Rectifier Data: Model **AUP** Ser. No. **931683**
 Polarity Date **10-21-93** Setting: **C-1, F-3** Volts **3.15** Amps **3.50**



POTENTIALS AT INSULATING FLANGE			GROUND BED DATA	
Rectifier	Off	On	No. & Type of Anodes	
Well Head	-0.412	-0.765	6 EA. - 3" X 60" LILAR 79	Horizontal Vertical 7 7/8 X 12 1/2"
NVS Flow Line	-0.852	-1.021	Backfill	ASBURY 21BR
Other			Resistance	

INTERFERENCE DATA					
Line No. and Description	Off	Potential	On	IR Drop Mv.	Remarks
1					0.260 AMP DRAIN FROM FLOWY 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 = 0.870 #2 = 0.400 #3 = 0.400		
#4 = 0.600 #5 = 0.490 #6 = 0.690		

DR. BY RTILEB	PRO. NO. 374-3	DRG. NO.
SCALE NONE	DATE 10-22-93	374-3-24