

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

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas

City/State/Zip Liberal, KS 67905-2173

Purchaser: Not Applicable

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 SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

CP

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. _____

10-21-93 10-22-93

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 189-21599 **ORIGINAL**

County Stevens

_____ SE _____ NW _____ NW Sec. 22 Twp. 33 Rge. 36 _____ E

4051 FSL _____ Feet from SW (circle one) Line of Section

3951 FEL _____ Feet from SW (circle one) Line of Section

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

Lease Name CP-Flower (Hole #2) Well # 1-3 #12

Field Name Hugoton Field

Producing Formation NA

Elevation: Ground 3035.6 KB _____

Total Depth 115 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.

Drilling Fluid Management Plan alt 3 on CB 1-20-94
(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. _____

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 Rae Kelly

Title ER Technician Date 1-13-94

Subscribed and sworn to before me this 13th day of January, 19 94.

Notary Public Sharon A. Cook

Date Commission Expires 10-1-94

SEE ATTACHED FOR DETAILS



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep
 KGS Plug
RECEIVED
STATE CORPORATION COMMISSION
(Specify)
JAN 18 1994

Form ACO-1 (7-91) 1-1894
CONSERVATION DIVISION
Wichita, Kansas

P1

Operator Name Mobil Oil Corporation Lease Name CP-Flower (Hole #2) Well # 1-3

Sec. 22 Twp. 33 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 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 Datum

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
None							

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 77' - 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 103', second anode set at 92', third anode set at 82'.		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
1" PVC vent from TD to surface.					NA				
Date of First, Resumed Production, SWD or Inj. Installed 10-22-93			CP	Producing Method	<input type="checkbox"/> NA	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input checked="" 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

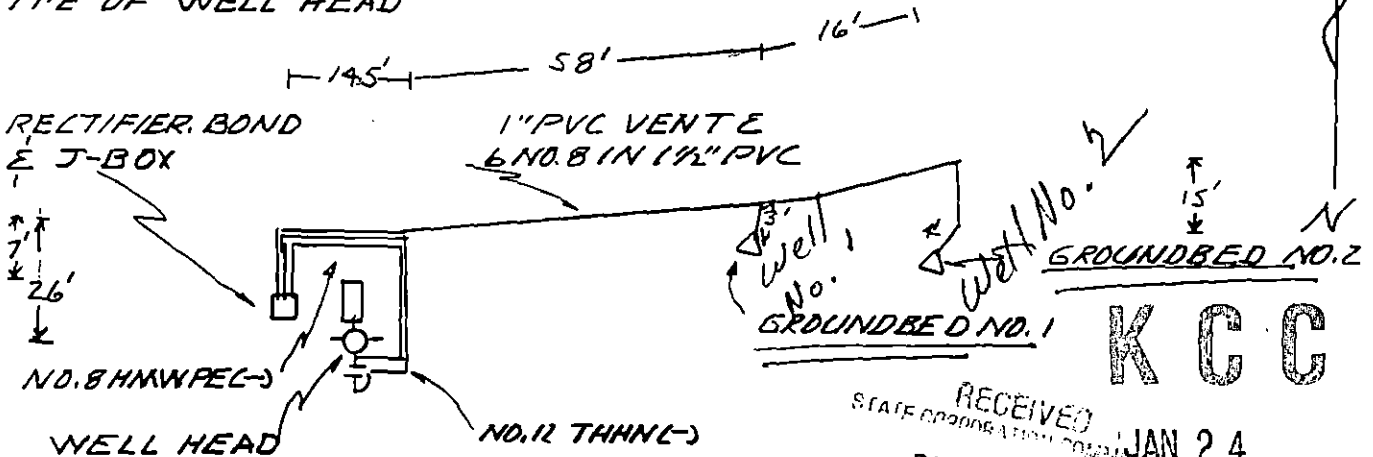
LEASE: FLOWER

WELL NO. 1

FINAL CHECK: Polarity Date 10-21-93

RECTIFIER DATA: Model AUP Ser. No. 931675
Setting: C-1, F-4 Volts 4.78 Amps 4.2

GROUND BED NO. 1 23' NE NW 22-33-36 STEVENS, CO.
65' E OF WELL HEAD (D) 4053 FSL + 3965 FEL
~~GROUND BED NO. 2 21' NE (D) 4051 FSL + 3951 FEL~~
79' E OF WELL HEAD



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Wichita, Kansas

KCC

POTENTIALS AT INSULATING FLANGE

GROUND BED DATA

Rectifier	Off	On	No. & Type of Anodes	6 EA. - 3' X 60" ULAR 79
Well Head	-0.605	-0.671	Horizontal	Vertical 77B X 2-15'
Flow Line	-0.830	-0.811	Backfill	(ASBURY ZIBR)
Other			Resistance	

INTERFERENCE DATA

Line No. and Description	Off Potential	On	IR Drop Mv.	Remarks
1				0.010 AMP DRAIN FROM FLOW LINE
2				
3				

ADDITIONAL DATA

FINAL ANODE DRAIN, AMPS
#1 = 0.190 #2 = 0.150 #3 = 0.380
#4 = 0.890 #5 = 0.750 #6 = 0.550

CORROSION SPECIALISTS, LTD.
CORROSION ENGINEERS, SUPPLIERS, ERECTORS
DENVER - FARMINGTON
STATE CORPORATION COMMISSION

WELL CASING CATHODIC PROTECTION
INSTALLATION DATE JAN 18 1994

DR. BY RTILEB PRO. NO. 394-3 DRG. NO.
SCALE NONE DATE 10-22-93 CONSERVATION DIVISION
Wichita 743-25

WELL TYPE GROUND BED DATA

ORIGINAL

Data Sheet No. 25 A HOLE NO. 2

COMPANY MOBIL OIL CORPORATION JOB No. 394-3 DATE: 10-21-93

ELL: FLOWER 1-3 PIPELINE _____

LOCATION: SEC. 22 TWP. 33 RGE. 36 CO. STEVENS STATE KANSAS

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

GROUND BED: DEPTH 115 ft. DIA. 7 7/8 in. GAB 1000 lbs. ANODES 6EA. -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	12.1			12.2			
5	1 - 12 SANDY CLAY							
10	12 - 21 SAND / CLAY STREAKS							
15	21 - 41 FIRM SANDY CLAY							
20	41 - 83 MED TO COARSE SAND							
25	83 - 115 BROWN CLAY							
30						0.5		
35						.4		
40						.2		
45						.3		
50						.2		
55						.3		
60						.1		
65						.1		
70						.1		
75						.1		
80						.8		#6 - 82'
85						1.8		
90						2.1		#5 - 92'
95						1.7		
100						1.3		#4 - 103'
105						1.9		
110						2.1		
115								
120								
125								
130								
135								
140								
145								
150								
	3' OF HOLE PLUS ON TOP OF COKE & 10' OF HOLE PLUS IN TOP OF COKE							
	PIT OPEN 10-21-93							
	PIT CLOSED 10-21-93							

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GROUNDING RESISTANCE: (1) VOLTS _____ + AMPS _____

Corrosion Specialists, Ltd.

(2) VIBROGROUND _____ OHMS

JAN 18 1994

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

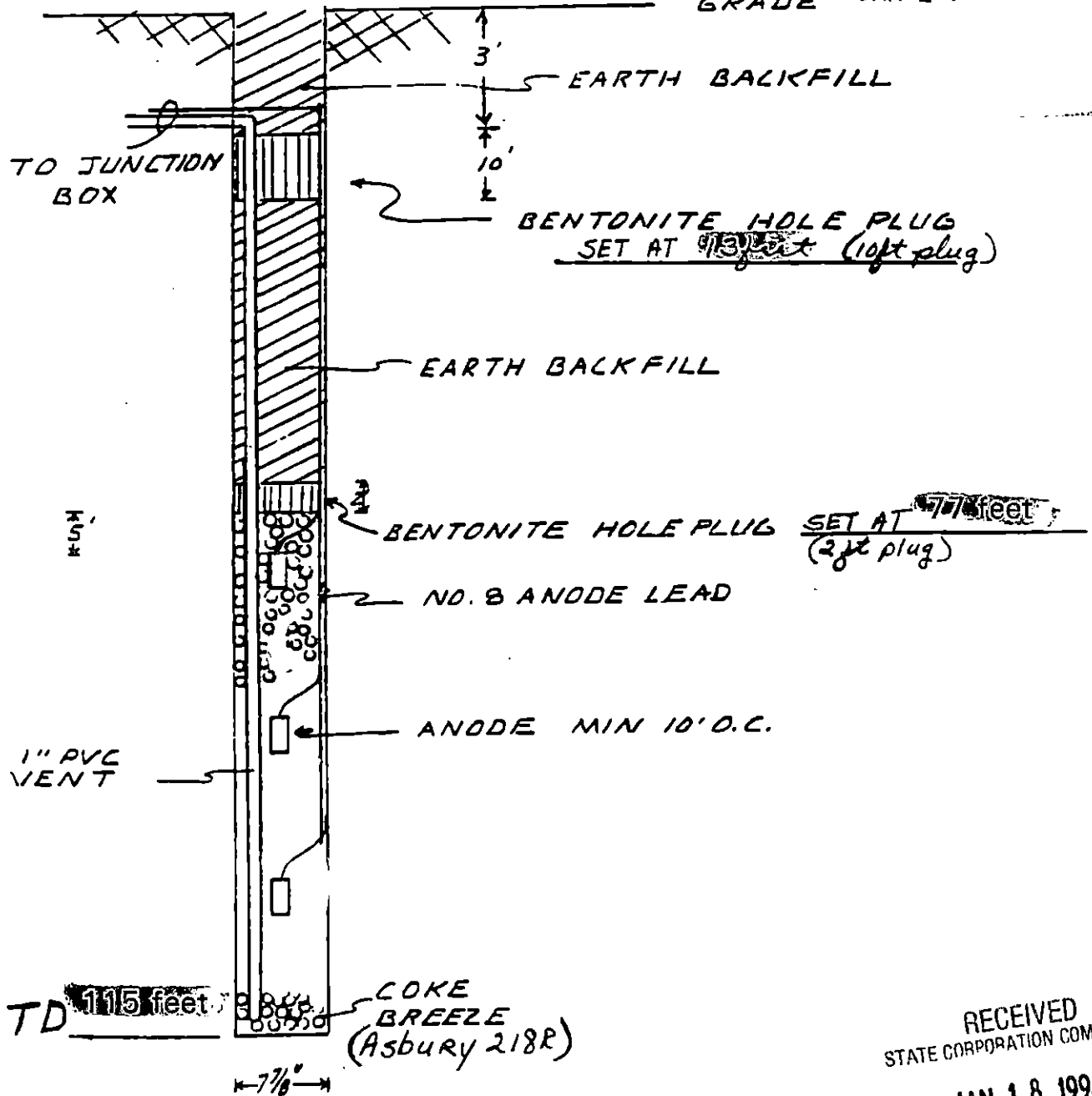
Cathodic Protection Borehole

CP-Flower Well #1-3
Sec. 22-33-36W
Stevens County, Kansas

K C C

Hole #2

GRADE JAN 24



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Wichita, Kansas