

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

API NO. 15- 189-21734-00-00 ORIGINAL
County Stevens
- SW - SW - NE Sec. 35 Twp. 33 S Rge. 36 X W
2840 Feet from S/N (circle one) Line of Section
2540 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-Heger Well # 1
Field Name Hugoton
Producing Formation NA
Elevation: Ground 3028 KB NA
Total Depth 100 PBDT 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 III CB 12-16-94
(Data must be collected from the Reserve Pit)

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, USW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

7-21-94 7-21-94
Spud Date Date Reached TD Completion Date

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3-24-94
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CONSERVATION DIVISION
WICHITA, KANSAS

Solids content NA ppm Fluid volume NA bbls

Dewatering 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

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

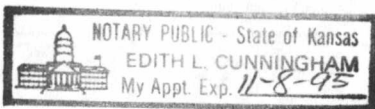
Subscribed and sworn to before me this 23 day of August, 19 94.

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)

.sac



Form ACO-1 (7-91)

PI

Operator Name Mobil Oil Corporation Lease Name CP-Heger Well # 1

Sec. 35 Twp. 33_S Rge. 36 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 Datums

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

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	(1) First plug - Bentonite set at 30' - 2' plug.			
<input checked="" type="checkbox"/> Plug Off Zone	(2) Second plug - Bentonite set at 13' - 10' plug. (See attached Cathodic Protection Borehole sketch).			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		Amount and Kind of Material Used	Depth
	First anode set at 85', second anode at 75', third anode at 60'.			

TUBING RECORD		Size	Set At	Packer At	Liner Run		
1" PVC vent from TD to 3' above surface.					NA	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. Installed 7-21-94			Producing Method <input type="checkbox"/> 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 NA	Water NA	Bbls. NA	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

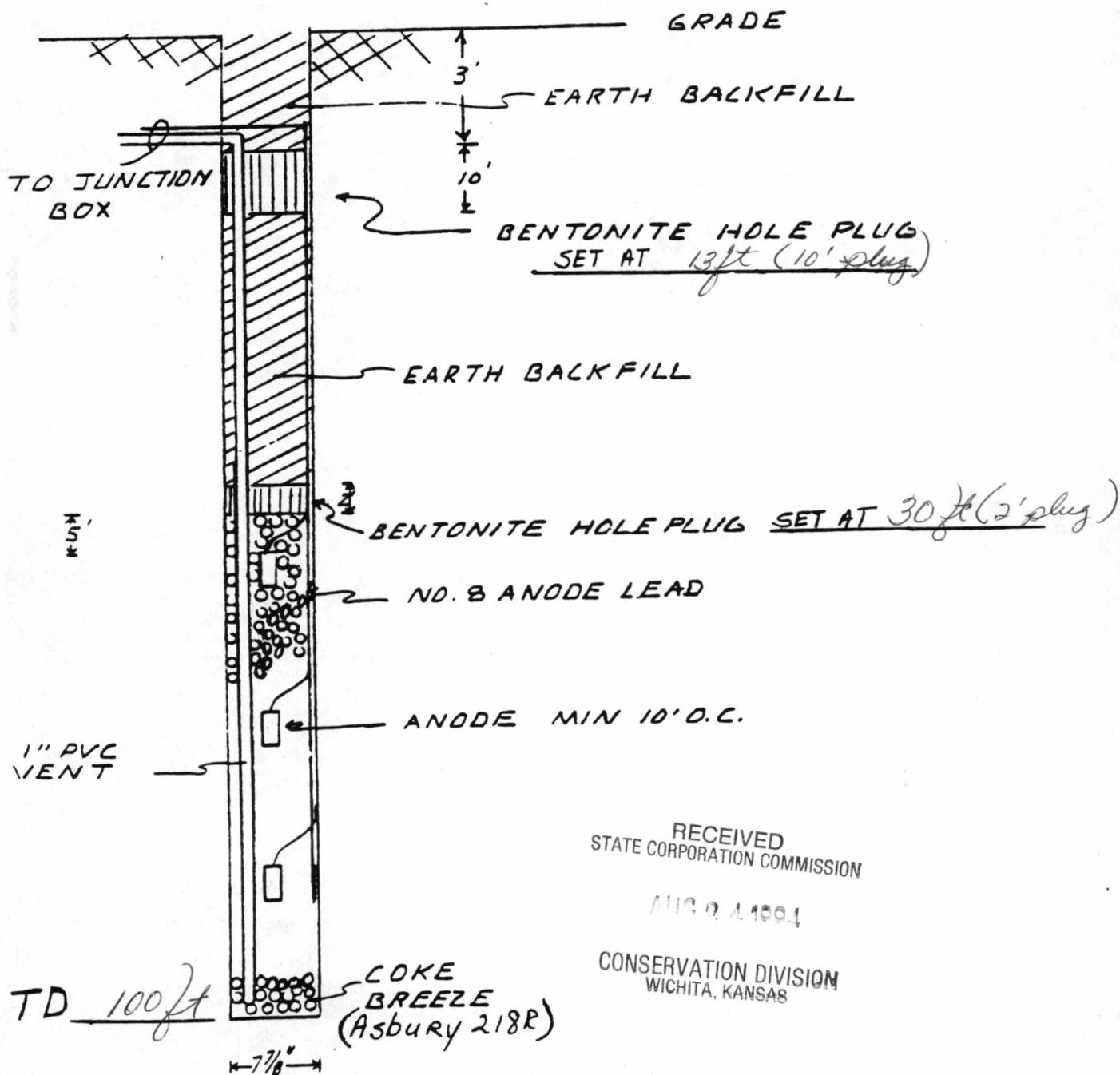
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Cathodic Protection Borehole

CP-Heger #1
Sec. 35-33S-36W
Stevens County, Kansas

ORIGINAL



CATHODIC PROTECTION SERVICES COMPANY

LIBERAL, KANSAS

DATA SHEET NO. _____

COMPANY Mobil E&P JOB NO. 801-00370 DATE: 7/21/94
 WELL: Heger #1 PIPELINE: _____
 LOCATION: Sec. 35 Twp. 33 Rge. 36 Co. Stevens State Kansas
 ROTARY 100' FT: _____ CASING _____ FT.

ORIGINAL

DEEP GROUND BED LOGGING DATA

DRILL LOG	DEPTH (FT)	ANODE TO STRUCTURE		ANODES		ANODE TO CABLE	DRILL LOG	DEPTH (FT)	ANODE TO STRUCTURE		ANODES		ANODE TO CABLE
		EXPLOR ohm	FINAL ohm	NO.	TOP DEPTH				EXPLOR ohm	FINAL ohm	NO.	DEPTH	
	5							205					
Plug	10					13'-3'		210					
	15							215					
Earthfill	20					28'-13'		220					
	25							225					
Plug	30	.730				30'-28'		230					
	35	1.05						235					
	40	1.19						240					
	45	.510						245					
	50	.530				COKE		250					
	55	.460						255					
	60	.900		3				260					
	65	.970				COLUMN		265					
	70	1.04						270					
	75	1.07		2				275					
	80	1.30						280					
	85	1.15		1				285					
	90	.780						290					
	95	.680						295					
	100	.630						300					
	105							305					
	110							310					
	115							315					
	120							320					
	125							325					
	130							330					
	135							335					
	140							340					
	145							345					
	150							350					
	155					RECEIVED		355					
	160					STATE CORPORATION COMMISSION		360					
	165							365					
	170					AUG 21 1994		370					
	175							375					
	180					CONSERVATION DIVISION		380					
	185					WICHITA, KANSAS		385					
	190							390					
	195							395					
	200							400					

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

Pit Closed
7/21/94

(2) VIBROGROUND _____ OHMS

Heger #1

CATHODIC PROTECTION SERVICES CO.
WELL TYPE GROUND BED DATA

CUSTOMER: MOBIL OIL CORP
LOCATION: 35-33-36

DRILLING COMPANY: RAYS DRILLING
DRILLER: RAY MEAD

HOLE DEPTH: 100'
DIAMETER: 6"

CASING TYPE: STEEL PCV
SEAL TYPE: CEMENT BENTONITE

DATE: 7-21-94

ORIGINAL

DEPTH	CASING	SEAL	FORMATION LOG	H2O	SEAL	DEPTH	CASING	SEAL	FORMATION LOG	H2O	SEAL
5			GREY CLAY			305					
10						310					
15			BROWN CLAY SAND MIX			315					
20						320					
25						325					
30						330					
35						335					
40						340					
45						345					
50						350					
55						355					
60			BROWN CLAY			360					
65						365					
70						370					
75						375					
80						380					
85						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						525					
230						530					
235						535					
240						540					
245						545					
250						550					
255						555					
260						560					
265						565					
270						570					
275						575					
280						580					
285						585					
290						590					
295						595					
300						600					

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#24

AUG 21 1994

CONSERVATION DIVISION
WICHITA, KANSAS