FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 129-21290-00-00 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: Cathodic Protection Services

License: 31474

Wellsite Geologist:

County Morton

__ - NE - SW - NW Sec. 31 Twp. 33S Rge. 39 E X W

3885 FSL Feet from (S)/N (circle one) Line of Section

4035 FEL 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-Hayward Well # 2

Field Name Hugoton

Producing Formation NA

Elevation: Ground 3279 KB NA

Total Depth 80 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.

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)

Drilling Fluid Management Plan 9-1-95 JPT
(Data must be collected from the Reserve Pit)

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.

8-9-94 8-9-94 8-9-94
Spud Date Date Reached TD Completion Date

Chloride 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 11-2-94

Subscribed and sworn to before me this 2nd day of November, 19 94.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

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)

390.cp

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appt. Exp. 08-18-98

Form ACO-1 (7-91)

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP-Hayward Well # 2

Sec. 31 Twp. 33S Rge. 39 ☐ East ☒ West County Morton

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.)	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☐ Yes	☒ No

List All E.Logs Run:

Electric Resistance Log - Attached

☒ Log **Formation (Top), Depth and Datums** ☐ Sample

Name Top Datum

SEE ATTACHED DRILLER'S LOG

CASING RECORD ☐ New ☐ 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
___ Perforate ___ Protect Casing ___ Plug Back TD _X_ Plug Off Zone	(1) First plug - Bentonite set at 13' - 3' plug.			
	(2) Second plug - Bentonite set at 30' - 28' plug.			

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	70', second anode at 50'.		

TUBING RECORD Size Set At Packer At
1" PVC vent from TD to 3' above surface.

Liner Run NA ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.	Producing Method					
Installed 8-9-94	NA	☐ Flowing	☐ Pumping	☐ Gas Lift	☐ Other (Explain)	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	NA	NA		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____

CATHODIC PROTECTION SERVICES COMPANY

LIBERAL, KANSAS

ORIGINAL

DATA SHEET NO. I

COMPANY MOBIL E&P JOB NO. 801-00370 DATE: 8/9/94

WELL: Hayward 2 PIPELINE:

LOCATION: Sec. 31 Twp. 33 Rge. 39 Co. Morton State Kansas

ROTARY 2 at 80 each FT: CASING FT.

DEEP GROUNDBED LOGGING DATA

DRILL LOG by:	DEPTH (FT)	ANODE TO STRUCTURE EXPLOR ohm	ANODE TO STRUCTURE FINAL ohm	ANODES NO.	ANODES TOP DEPTH	ANODE TO CABLE ohm	DRILL LOG	DEPTH (FT)	ANODE TO STRUCTURE EXPLOR ohm	ANODE TO STRUCTURE FINAL ohm	ANODES NO.	ANODES TOP DEPTH	ANODE TO CABLE ohm
	5							205					
	10							210					
	15							215					
	20							220					
	25							225					
	30	.380						230					
	35	.280						235					
	40	.220						240					
Hole #1	45	.400						245					
	50	.670		2				250					
75'S+75'W	55	.410						255					
of well	60	.280						260					
	65	.840						265					
	70	.920		1				270					
	75	.230						275					
	80							280					
	85							285					
	90							290					
	95							295					
	---							300					
	05							305					
	10							310					
	15							315					
	20							320					
	25							325					
	30	.260						330					
	35	.210						335					
	40	.250						340					
Hole #2	45	.260						345					
	50	.240						350					
North of well	55	.260		2				355					
	60	1.08						360					
	65	.590						365					
	70	.200						370					
	75	.580		1				375					
	80							380					
	---							385					
	190							390					
	195							395					
	200							400					

GROUNDBED RESISTANCE: (1) VOLTS _____ ÷ AMPS = OHMS

(2) VIBROGROUND _____ OHMS

HAYWARD 1-2 758 75w

CATHODIC PROTECTION SERVICES CO.
WELL TYPE GROUNDBED DATA

CUSTOMER: MOBIL OIL CORP
LOCATION: 31-33-39

DRILLING COMPANY: RAYS DRILLING
DRILLER: RAY MEAD

HOLE DEPTH: 80'
DIAMETER: 6"

CASING TYPE: STEEL / PCV
SEAL TYPE: CEMENT / BENTONITE

DATE: 8-9-44

ORIGINAL

DEPTH	CASING	SEAL	FORMATION LOG	H20	SEAL
5			BROWN CLAY		
10			BROWN SAND		
15			BROWN CLAY		
20			BROWN SAND		
25					
30					
35					
40					
45					
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295					
300					

DEPTH	CASING	SEAL	FORMATION LOG	H20	SEAL
305					
310					
315					
320					
325					
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360					
365					
370					
375					
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BC-DL941 #104