

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

API NO. 15- 081-210390000

COPY

County HaskellSE NW NW Sec. 34 Twp. 30S Rge. 33 X W1250 Feet from S/W (circle one) Line of Section1250 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Emma Hopkins Unit Well # 2Field Name HugotonProducing Formation ChaseElevation: Ground 2935 KB 2944Total Depth 2973 PBDT 2922Amount of Surface Pipe Set and Cemented at 651 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set NA FeetIf Alternate II completion, cement circulated from NAfeet depth to NA w/ NA sx cmt.Drilling Fluid Management Plan ALT 1 JK 5-7-97
(Data must be collected from the Reserve Pit)Chloride content 14,000 ppm Fluid volume 520 bblsDewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite:

260 bbls Hill #3 SMDW

260 bbls Parker Est. #1-2 SMDW

Operator Name Mobil Oil Corporation
Hill #3 SMDWLease Name Parker Est. #1-2 SMDW License No. 5208
SW 3 33 37SW Quarter Sec. 19 Twp. 34 S Rng. 36 E/W
Stevens CD-117710County Stevens Docket No. D-23,898Operator: License # 5208Name: Mobil Oil CorporationAddress P.O. Box 21732319 North Kansas AvenueCity/State/Zip Liberal, KS 67905-2173Purchaser: Spot MarketOperator Contact Person: Sharon CookPhone (316) 626-1142Contractor: Name: Norseman Drilling Inc.License: 3779Wellsite Geologist: L. J. Reimer

Designate Type of Completion

X New Well Re-Entry WorkoverOil SMD SLOW Temp. Abd.X Gas ENHR SIGWDry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SMDPlug Back PBDTCommingle Docket No.Dual Completion Docket No.Other (SMD or Inj?) Docket No.10-15-96 10-18-96 12-12-96Spud Date 10-15-96 Date Reached TD 10-18-96 Completion Date 12-12-96

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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. CookTitle Regulatory Assistant Date 1-21-97Subscribed and sworn to before me this 21st day of January, 19 97.Notary Public Kathleen R. PoultonDate Commission Expires August 18, 1998

7-9.kcc



K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution
✓ KCC ✓ SMD/Rep ✓ NGPA
KGS ✓ Plug ✓ Other
(Specify) JS

SIDE TWO

Operator Name Mobil Oil CorporationLease Name Emma Hopkins Unit Well # 2Sec. 34 Twp. 30S Rge. 33 ☐ East ☒ WestCounty Haskell

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:

 Dual Induction Focused Log Gamma Ray Caliper
 Z-Densilog Compensated Neutron Spectralog
 Caliper Log Gamma Ray

☒ Log	Formation (Top), Depth and Datums	☐ Sample
Name	Top	Datum
Glorietta	1304	1470
Stone Corral	1762	1810
Chase	2613	2932
Council Grove	2932	--

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
Surface Casing	12.250	8.625	24#	651	Class C Class C	210 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2964	Class C Class C	160 75	3% D79 2% B28

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

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
1 SPF	2646-2656	Acid: 1,000 gals 7.5% HCL	
	2676-2696	Fracd: 27,500 gals 20# Crosslink gel	
2 SPF	2716-2731	119,000 lbs 12/20 Brady Sand	
TUBING RECORD		Size	Set At
		Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SMD or Inj. 11-18-96		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
		405	

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented	☒ Sold	☐ Used on Lease	☐ Open Hole	☒ Perf.	☐ Dually Comp.	☐ Conmingled	<u>2646</u>
(If vented, submit ACO-18.)							<u>2731</u>
☐ Other (Specify) _____							