

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- 189-221180000
County Stevens
SE - NW - NE Sec. 15 Twp. 33S Rge. 37 X W

Operator: License # 5208
Name: Mobil Oil Corporation
Address P.O. Box 2173
2319 North Kansas Avenue
City/State/Zip Liberal, KS 67905-2173

1150 Feet from S/N (circle one) Line of Section
1350 Feet from E/W (circle one) Line of Section

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

Purchaser:
Operator Contact Person: Sharon Cook
Phone (316) 626-1142

Lease Name CP-Kuhn Unit _____ Well # 3
Field Name Hugoton

Contractor: Name: Catholic Protection Services
License: 31474

Producing Formation NA
Elevation: Ground 3081 KB NA

Wellsite Geologist:
Designate Type of Completion
 New Well Re-Entry Workover

Total Depth 75 PBDT NA
Amount of Surface Pipe Set and Cemented at None Feet

 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry X Other (Core, WSW, Expt., Catholic, etc)

Multiple Stage Cementing Collar Used? NA Yes NA No
If yes, show depth set NA Feet

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. _____
 1-24-97 _____ 1-24-97 _____ 1-24-97 _____
Spud Date _____ Date Reached TD _____ Completion Date _____

If Alternate II completion, cement circulated from NA
feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan ALT 3 5-22-98 JK
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls
Dewatering method used NA

Location of fluid disposal if hauled offsite:
Operator Name NA 4-29-97

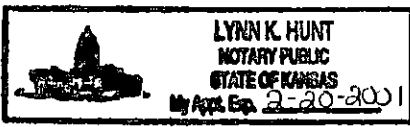
Lease Name NA License No. _____
NA Quarter Sec. NA Twp. NA S Rng. NA E/W
County NA Docket No. NA

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 4-21-97
Subscribed and sworn to before me this 21st day of April,
19 97.
Notary Public Lynn K. Hunt
Date Commission Expires February 20, 2001

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)



Operator Name Mobil Oil Corporation Lease Name CP-Kuhn Unit Well # 3

Sec. 15 Twp. 33S Rge. 37 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 Formation (Top), Depth and Datums Sample

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 13' - 3' plug.			
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	(2) Second plug - Bentonite set at 27' - 30' 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 60', third anode at 50'.		

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 1-24-97				Producing Method	<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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
		NA		NA			Gravity

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

ORIGINAL

15-189-22118

Cathodic Protection Services
Liberal, Kansas

DATA SHEET

COMPANY: MOBIL E & P US INC. JOB No. 801-00582 DATE: 1/24/97
 WELL: KUHN #3 PIPELINE: _____
 LOCATION: SEC. 15 TWP. 33 RGE.37 CO: STEVENS STATE: KANSAS
 ANODE TYPE: LIDA ONE 1x45 (3) FT: ROTAR 75FT. FT: CASING FT.

DEEP GROUND BED LOGGING DATA

by:	ANODE TO				DRILL DEPTH LOG (FT)	ANODE TO			
	STRUCTURE		ANODES			STRUCTURE		ANODES	
	EXPLOR	FINAL	NO	TOP DEPTH		EXPLOR	FINAL	NO	TOP DEPTH
	OHM	OHM			OHM	OHM			
	5			3FT. EARTH FILL	205				
	10			PLUG 10 FT.	210				
	15			EARTH	215				
	20			FILL 14FT	220				
	25			PLUG 3FT.	225				
	30			TOP/COKE	230				
	35				235				
	40				240				
	45				245				
	50	2.51	2.97		250				
	55				255				
	60	2.09	2.55		260				
	65				265				
	70	1.19	2.91	1	270				
	75			COKE	275				
	80				280				
	85				285				
	90				290				
	95				295				
	100				300				
	105				305				
	110				310				
	115				315				
	120				320				
	125				325				
	130				330				
	135				335				
	140				340				
	145				345				
	150				350				
	155				355				
	160				360				
	165				365				
	170				370				
	175				375				
	180				380				
	185				385				
	190				390				
	195				395				
	200				400				

PITS CLOSED JANUARY 28, 1997

GROUND BED RESISTANCE: (1) VOLTS

AMPS

OHMS (2) VIBROGROUND

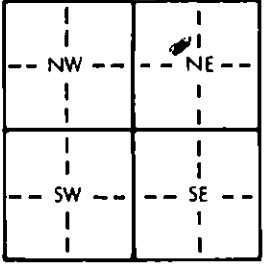
OHMS

1 LOCATION OF WATER WELL: County: Steven Fraction: SE 1/4 NW 1/4 NE 1/4 Section Number: 15 Township Number: T 33 S Range Number: R 37 EW

Distance and direction from nearest town or city street address of well if located within city? Kuhn #3

2 WATER WELL OWNER: Mobil Corp RR#, St. Address, Box #: PO Box 9113 City, State, ZIP Code: Liberal KS 67905 ORIGINAL

Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 70 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 6 in. to 70 in. and in. to ft.

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well CATHOLIC WATER

Was a chemical/bacteriological sample submitted to Department? Yes.....No.....; If yes, mo/day/yr sample was sub-mitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ... Clamped ...
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded ...
 7 Fiberglass Threaded ...

Blank casing diameter in. to ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) ...
 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ...

SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From ft. to ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	60	SURFACE TOP SOIL, SAND + Clay	60	70	
		Sandy Clay + med. sand			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11/20/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 548 This Water Well Record was completed on (mo/day/year) 11/29/97 under the business name of Les Taylor Drilling by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

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SEC.
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