

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- 189-21879-0000

County STEVENS
NW - NW - SE Sec. 15 Twp. 33 Rge. 37 EW

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: N/A

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: Cathodic Protection Services

License: 31474

Wellsite Geologist:

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SOW Temp. Abd.

Gas ENHR SIGW

Dry X Other (COP, USW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingle Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

1/16/95 1/16/95 1/16/95

Spud Date Date Reached TD Completion Date

2515 FSL Feet from S/N (circle one) Line of Section

2615 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- KUHN Well # 1

Field Name Hugoton

Producing Formation NA [ANODE REPOSITORY]

Elevation: Ground 3091 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 3 2/2 10-18-95
(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

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 2-13-95

Subscribed and sworn to before me this 13th day of February, 1995.

Notary Public Kathleen R. Poulton

Date Commission Expires AUGUST 18, 1998

DEW95097.SAC

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SVD/Rep NGPA
KGS Plug Other (Specify)

Form ACO-1 (7-91)

STATE C... 11/... MISSION
FEB 17 1995
2-17-95

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name CP- KUHN Well # 1
 Sec. 15 Twp. 33 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED DRILLER'S LOG		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				
Electric Resistance Log - Attached				

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				
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	(1) First plug -	Bentonite set at	13' - 3' plug.	
	(2) Second plug -	Bentonite set at	26' - 24' plug.	

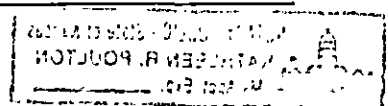
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
First anode set at	65', second anode at 40'.		

TUBING RECORD		Size	Set At	Packer At	Liner Run NA <input type="checkbox"/> Yes <input type="checkbox"/> No
1" PVC vent from TD to 3' above surface.					
Date of First, Resumed Production, S/W or Inj. Installed 1/16/95			Producing Method 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 NA Bbls.	Gas NA Mcf	Water NA Bbls.	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: _____



DATA SHEET

COMPANY MOBILE & P JOB No. 80100370 DATE: 1-16-95
 WELL: KUHM 1 PIPELINE:
 LOCATION: SEC. 15 TWP. 33 RGE. 37 CO. STEVENS STATE KS
 ANODE TYPE LIDA ONE FT: ROTARY 75 - 76 FT: CASING _____ FT.

DEEP GROUND BED LOGGING DATA

DRILL. DEPTH LOG (FT)	ANODE TO STRUCTURE			ANODES NO	TOP DEPTH	DRILL DEPTH LOG (FT)	ANODE TO STRUCTURE			ANODES NO	TOP DEPTH
	EXPLOR	FINAL					EXPLOR	FINAL			
	OHM	OHM					OHM	OHM			
5					5						
HOLE PLUG 10				3'-13'	HOLE PLUG 10						3'-13'
EARTH FILL 15				13'-24'	EARTH FILL 15						13'-29'
20					20						
HOLE PLUG 25				24'-26'	HOLE PLUG 25						29'-31'
30	.720				30	.650					
35	.490				35	.310					
40	.440		2		40	.470					
45	.110				45	.080					
50	.230				50	.080					
55	.160				55	.110					
60	.250				60	.210			2		
65	.480		1		65	.310					
70					70	.410			1		
75					75						
80					80						
85					85						
90					90						
95					95						
100					100						
105					105						
110					110						
115					115						
120					120						
125					125						
130					130						
135					135						
140					140						
145					145						
150					150						
155					155						
160					160						
165					165						
170					170						
175					175						
180					180						
185					185						
190					190						
195					195						
200					200						

PIT CLOSED 1-16-95 HOLE PLUG SET 1-16-95

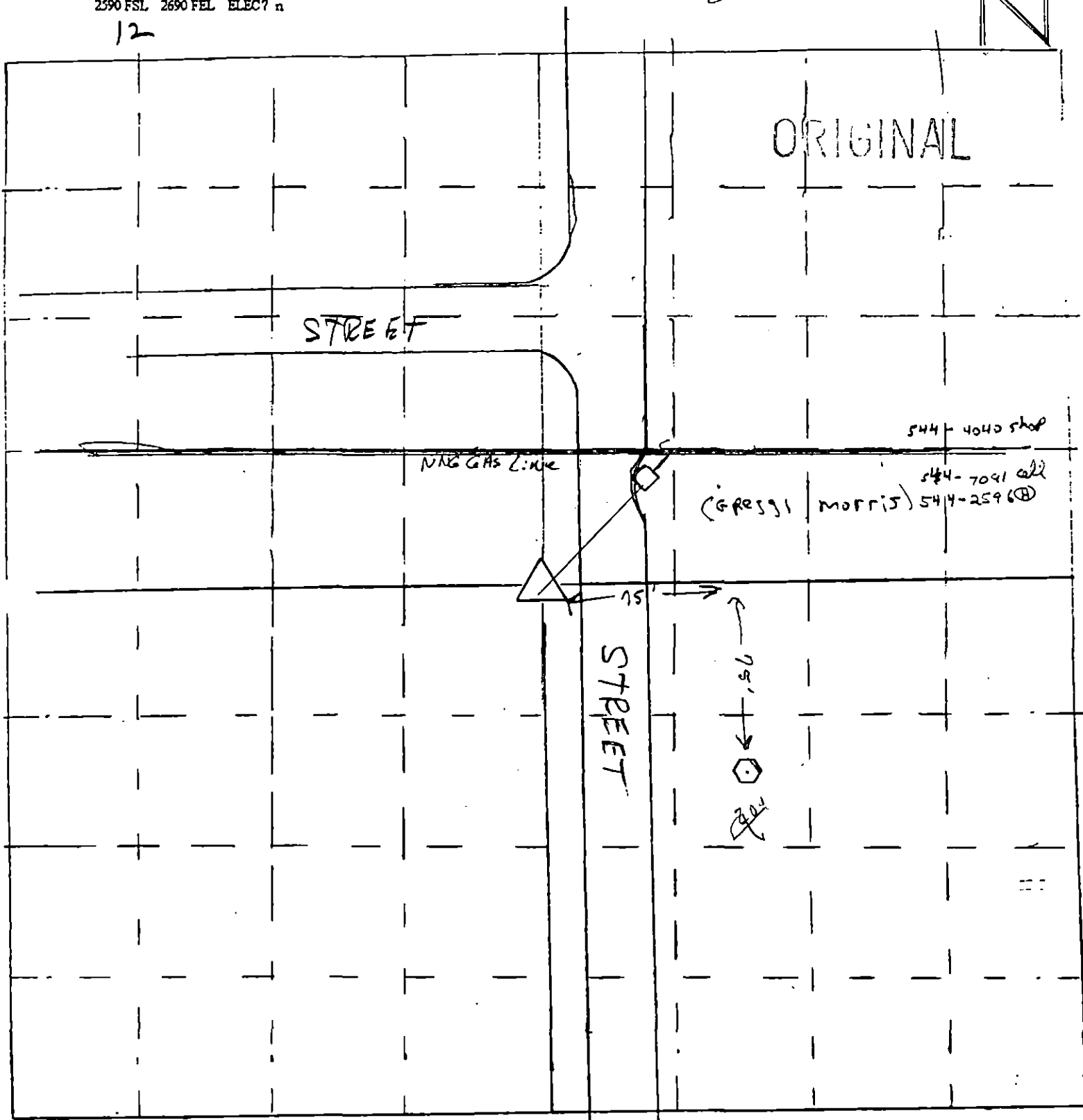
GROUND BED RESISTANCE: (1) VOLTS _____ ÷ AMPS _____ = _____ OHMS (2) VIBROGROUND _____ OHMS

KUHN 1 15-33-37
2590 FSL. 2690 FEL. ELEC? n

12

0-20 Clay
20-60 Clay + sand
60-75 sand

0-20 Clay
20-60 Clay + sand
60-76 sand



△ = gas well location
 ○ = cathodic deep well location

Scale = 1" = 50'
 □ = Meter house

al