

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

API NO. 15-189-20,955-0000  
County Stevens  
NW/4 Sec. 5 Twp. 32S. Rge. 37 East  
3819' Ft North from Southeast Corner of Section  
3800' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)  
Lease Name ROBINSON Well # 3-5  
Field Name Hugoton - Infill  
Producing Formation Chase  
Elevation: Ground 3153' KB 3160.5'

Operator: License # 04824  
Name MESA OPERATING LIMITED PARTNERSHIP  
Address P.O. Box 2009  
Amarillo, Texas 79189  
City/State/Zip

Purchaser Kansas Power & Light  
818 Kansas Ave., Topeka, KS

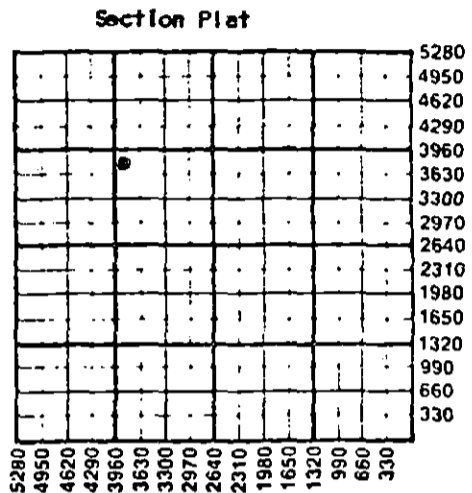
Operator Contact Person Wayne Riddle  
Phone (316) 356-3026

Contractor: License # 5987  
Name Service Drilling Co

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWN: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth



WATER SUPPLY INFORMATION  
Disposition of Produced Water: Disposal  
Docket # NA Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner  
Sec Twp Rge East West  
Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West  
 Other (explain) Latham Water Service  
(purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1/15/87 1/21/87 2/14/87  
Spud Date Date Reached TD Completion Date  
3100' 2984'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 634' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 [Signature]  
Title Regulatory Analyst Date 2/17/87

Subscribed and sworn to before me this 17th day of February 1987  
Notary Public [Signature]  
Date Commission Expires 8-6-89

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name **MESA OPERATING LIMITED PARTNERSHIP** Lease Name **ROBINSON** Well # **3-5**

Sec. **5** Twp. **32S** Rge. **37**  East  West County **Stevens**

WELL LOG

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Log</td> <td colspan="2" style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <th style="text-align: center;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> <tr> <td style="text-align: center;">Stone Corral</td> <td style="text-align: center;">1723'</td> <td></td> </tr> <tr> <td style="text-align: center;">Wellington</td> <td style="text-align: center;">2320'</td> <td></td> </tr> <tr> <td style="text-align: center;">Chase</td> <td style="text-align: center;">2542'</td> <td></td> </tr> <tr> <td style="text-align: center;">Council Grove</td> <td style="text-align: center;">2873'</td> <td></td> </tr> </table>	Formation Description			<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample		Name	Top	Bottom	Stone Corral	1723'		Wellington	2320'		Chase	2542'		Council Grove	2873'	
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CASING RECORD <input checked="" 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
surface	12 1/4"	8 5/8"	24#	634'	C	300	3% CaCl <sub>2</sub>
production	7 7/8"	5 1/2"	15.5#	3100'	C/H	560	2% Kcl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
1JS/2'	2514'-2524'			miscalculation-not treated			
1JS/2'	2543-2872'			11,200' gals 15% Hcl		2543-	
				100,000 gals 60-70 quality foam +170,000# 12/20 sand		2872'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method						
Not Connected	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	1255 MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 2543'-2872'  
 Used on Lease  Dually Completed .....  
 Commingled