

ORIGINAL

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- 081-20,616-0000

County Haskell  
approx C NW Sec. 21 Twp. 29 Rge. 34  East West

Operator: License # 04824

4028' Ft. North from Southeast Corner of Section

Name: MESA OPERATING LIMITED PARTNERSHIP

4059' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Address P.O. BOX 2009

Lease Name RAY Well # 7-21

AMARILLO, TEXAS 79189

Field Name HUGOTON INFILL

City/State/Zip \_\_\_\_\_

Producing Formation CHASE

Purchaser: Williams Gas Marketing

Elevation: Ground 2987' KB 2997'

Operator Contact Person: W. RIDDLE

Total Depth 2980' PBDT 2896'

Phone (316) 356-3026

Contractor: Name: Service Drilling Co.

License: 5987

RECEIVED  
STATE CORPORATION COMMISSION

Wellsite Geologist: None

Designate Type of Completion

New Well  Re-Entry  Workover

AUG - 3 1990  
8-3-1990  
CONSERVATION DIVISION  
Wichita, Kansas

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

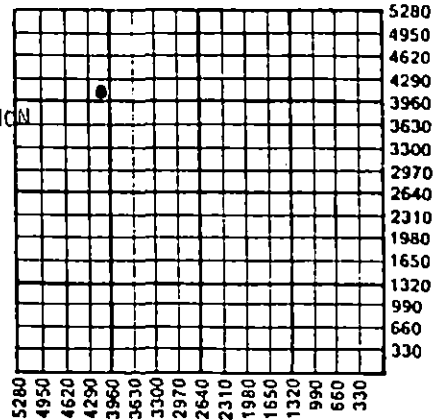
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

4/28/90 5/03/90 5/18/90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 729' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Cecelia L. McKee

Title Regulatory Analyst Date 7/31/90

Subscribed and sworn to before me this 31st day of July, 19 90

Notary Public Dwaina Pitts

Date Commission Expires \_\_\_\_\_  
 DWAINA PITTS  
Notary Public, State of Texas  
My Commission Expires 8-6-93

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
E	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

xc: KCC (0+2), Well File, Regulatory, Exploration, Land, Reservoir, Form ACO-1 (7-89)  
C. Records, T. Hofer (D&M), J. Harlan, K. Ratliff, Prod Acctg

111111110

SIDE TWO

Operator Name: MESA OPERATING LTD PARTNERSHIP Lease Name RAY Well # 7-21  
 Sec. 21 Twp. 29 Rge. 34  East County Haskell  
 West

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	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>1748'</td> <td></td> </tr> <tr> <td>Wellington</td> <td>2308'</td> <td></td> </tr> <tr> <td>Chase</td> <td>2518'</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>2844'</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Stone Corral	1748'		Wellington	2308'		Chase	2518'		Council Grove	2844'	
Name	Top		Bottom														
Stone Corral	1748'																
Wellington	2308'																
Chase	2518'																
Council Grove	2844'																
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																
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																

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#	729'	H	350	3% CaCl
Production	7 7/8"	5 1/2"	15.5#	2980'	H	400	5% 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
1 JS/2'	2518'-2768'			4000 gals 15% HCL			2518'-
				78,000 gals x-linked gel			2768'
				+ 250,000# 10/20 sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
NA							
Date of First Production	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
7/24/90							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
			1,674				

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

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 2518'-2768'