

SIDE ONE

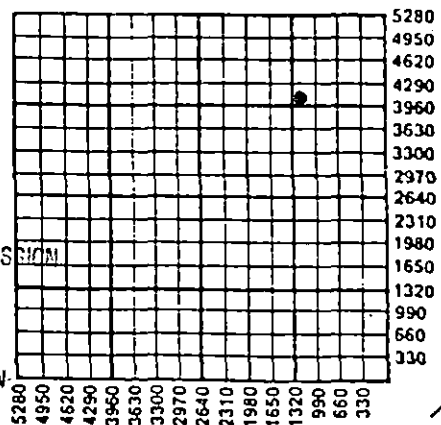
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 04824
Name: MESA OPERATING LTD PARTNERSHIP
Address P.O. BOX 2009
AMARILLO, TEXAS 79189
City/State/Zip _____
Purchaser: PSI Gas Gathering & Mktg
Operator Contact Person: W. RIDDLE
Phone (316) 356-3026
Contractor: Name: Zenith Drilling Corp.
License: 5141
Wellsite Geologist: NA

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

If **OWMO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
7/30/89 8/2/89 8/18/89
Spud Date Date Reached TD Completion Date

API NO. 15- 081-20,536-0000
County Haskell
approx C NE Sec. 28 Twp. 29 Rge. 34 East West
3981' Ft. North from Southeast Corner of Section
1250' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name HALL Well # 3-28
Field Name Hugoton Infill
Producing Formation Chase
Elevation: Ground 2973' KB 2983'
Total Depth 2960' PBSD 2875'



Amount of Surface Pipe Set and Cemented at 621' 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.

RECEIVED
STATE CORPORATION COMMISSION
OCT 19 1989
CONSERVATION DIVISION
Wichita, Kansas

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 Cathy McKee
Title Regulatory Analyst Date 10/2/89
Subscribed and sworn to before me this 2nd day of October,
19 89.
Notary Public Shirley Pitts
Date Commission Expires _____

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

cc: KCC (0+2), Well File, Regulatory, Exploration, Land,
Reservoir, C. Records, N. Butcher (D&M), Jane Harlan,
K. Ratliff, Accounting

SIDE TWO

Operator Name MESA OPERATING LTD PARTNERSHIP Lease Name HALL Well # 3-28
 Sec. 28 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	Formation Description <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>2316'</td> <td></td> </tr> <tr> <td>Chase</td> <td>2534'</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>2866'</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Stone Corral	1748'		Wellington	2316'		Chase	2534'		Council Grove	2866'	
Name	Top		Bottom														
Stone Corral	1748'																
Wellington	2316'																
Chase	2534'																
Council Grove	2866'																
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#	621'	Prem	300	3% CaCl
PRODUCTION	7 7/8"	5 1/2"	15.5#	2959'	Prem	415	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'	2534'-2766'			4000 gals 15% HCL 90,000 gals x-linked gel + 250,000# 10/20 sand			2534'- 2766'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
9/26/89		<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 Bbls.	Gas 2842 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

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: 2534'-2766'