

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32446  
Name: Merit Energy Company  
Address: 12222 Merit Drive, Suite 1500  
City/State/Zip: Dallas, TX 75251  
Purchaser: WESTERN RESOURCES, INC.  
Operator Contact Person: Susan Austin-Morse  
Phone: (972) 383-6526  
Contractor: Name: \_\_\_\_\_

License: \_\_\_\_\_  
Wellsite Geologist: NONE

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry ☒ Workover  
\_\_\_\_ Oil \_\_\_\_ SWD \_\_\_\_ SLOW \_\_\_\_ Temp. Abd.  
☒ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
\_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Energy Reserves Group  
Well Name: Huffard 6

Original Comp. Date: 10-26-83 Original Total Depth: 4200'  
\_\_\_\_ Deepening ☒ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
\_\_\_\_ Plug Back \_\_\_\_ Plug Back Total Depth  
\_\_\_\_ Commingled \_\_\_\_ Docket No. \_\_\_\_  
\_\_\_\_ Dual Completion \_\_\_\_ Docket No. \_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_ Docket No. \_\_\_\_

7/13/01 07-15-01  
Date of **START** Date Reached TD Completion Date of  
**OF WORKOVER** **WORKOVER**

API No. 15 - 095-21,390 - 0001  
County: Kingman County, KS  
\_\_\_\_ - \_\_\_\_ - SE Sec. 14 Twp. 30 S. R. 7 ☐ East ☒ West  
2130' feet from (S) N (circle one) Line of Section  
1980' feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Huffard Well #: 6

Field Name: Spivey-Grabs  
Producing Formation: Miss Chert  
Elevation: Ground: 1423' Kelly Bushing: 1429'  
Total Depth: 4198' Plug Back Total Depth: 4158'

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ 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.

Drilling Fluid Management Plan REWORK gx 8/14/02  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Susan Austin-Morse  
Title: Regulatory Analyst Date: 8/29/01  
Subscribed and sworn to before me this 30 day of August

18 2001  
NOTARY PUBLIC  
LYNNE E. MOON  
State of Texas  
Comm. Exp. 11-24-2001

KCC Office Use ONLY

\_\_\_\_ Letter of Confidentiality Attached  
If Denied, Yes ☐ Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

IOG

Operator Name: Merit Energy Company Lease Name: Huffard Well #: 6  
 Sec. 14 Twp. 30 S. R. 7 ☐ East ☒ West County: Kingman County, KS

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

☐ Log Formation (Top), Depth and Datum ☐ Sample  
 Name Top Datum

See original ACO-1

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
Surface	12-1/4"	8-5/8"	24#	250'	common	250 sx	
Long String	7-7/8	5-1/2"	14#	4198'	POZ	500 sx	

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 type="checkbox"/> Plug Off Zone				

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
2	4098' - 4120'	Original Completion 11/83	
2	4126' - 4156'	Acidized w/3000 gal., 10% NEFE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2-7/8"			4126	4126			
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
8-6-01			<input type="checkbox"/> Flowing <input checked="" 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 Gravity
	.5		50		0		

Disposition of Gas ☐ Vented ☒ Sold ☐ Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) \_\_\_\_\_ Production Interval 4098' - 4120'  
4126' - 4156'