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OIL & GAS COMMISSION

**SUNDRY NOTICE**

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form). Identify well or other facility by API Number or by OGCC Facility ID.

1. OGCC Operator Number: <u>56565</u>	4. Contact Name and Telephone <u>Lynne Moon</u>
2. Name of Operator: <u>Merit Energy Company</u>	No: <u>972-628-1569</u>
3. Address: <u>13727 Noel Rd. Suite 500</u>	Fax: <u>972-960-1252</u>
City: <u>Dallas</u> State: <u>TX</u> Zip: <u>75240</u>	

**Complete the Attachment Checklist**

	Oper	OGCC
Survey Plat		
Directional Survey		
Surface Equipment Diagram		
Technical Information Page		
Other (well bore diagram)		

5. API Number: <u>05-123-19353</u>	6. OGCC Facility ID Number: <u>69024</u>
7. Facility Name: <u>Lohr</u>	Operator's Facility Number: <u>13-2</u>
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NW NE Sec. 13-T5N-R64W</u>	
9. County: <u>Weld</u>	10. Field Name: <u>Wattenberg</u>
11. Federal, Indian or State Lease Number:	

**12. General Notice**

Change well name and number from: \_\_\_\_\_ to: \_\_\_\_\_ Effective Date: \_\_\_\_\_

Change of location from (QtrQtr, Sec, Twp, Range, Meridian): \_\_\_\_\_  
Footage from Ext. Sec. Lines: \_\_\_\_\_

Change of location to (QtrQtr, Sec, Twp, Range, Meridian): \_\_\_\_\_  
**ATTACH NEW SURVEY** Footage from Ext. Sec. Lines: \_\_\_\_\_

Abandoned Location. Is site ready for inspection?  Yes  No Date Ready for Inspection: \_\_\_\_\_  
Was location ever built?  Yes  No

Date Well first shut in or temporarily abandoned \_\_\_\_\_  Notice of continued shut-in status.  
Has production equipment been removed from Site?  Yes  No  
MIT required if shut in longer than two years. Date of last MIT \_\_\_\_\_

Request for Confidential Status (6 months from date of well completion).

Final reclamation will commence approximately on \_\_\_\_\_

Final reclamation is completed and site is ready for inspection. *Attach technical page describing final reclamation procedures per Rule 10004.*

Change of Operator (prior to drilling): Effective Date \_\_\_\_\_ Plugging bond:  Blanket  Individual

Spud Date \_\_\_\_\_

**13. Technical Engineering/Environmental Notice**

Notice of Intent Approximate Start Date: \_\_\_\_\_

Report of Work Done Date Work Completed: 10/17/2002

**Details of work must be described in full on Technical Information Page (Page 2 must be submitted).**

<input type="checkbox"/> Commingle Zones <input type="checkbox"/> Intent to Recomplete (submit Form 2) <input type="checkbox"/> Change Drilling Plans <input checked="" type="checkbox"/> Reservoir Stimulation <input checked="" type="checkbox"/> Perforating/Perfs Added Gross Interval Changed? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> Request to Vent or Flare <input type="checkbox"/> Repair Well <input type="checkbox"/> Convert Well to Injection (in an Approved Secondary Project) <input type="checkbox"/> Additional Source Leases for Water Disposal Well <input type="checkbox"/> Other: _____	<input type="checkbox"/> E&P Waste Disposal <input type="checkbox"/> Beneficial Reuse of E&P Waste <input type="checkbox"/> New Pit <input type="checkbox"/> Landfarming <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases <input type="checkbox"/> Variance
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I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Lynne Moon

Signed: [Signature] Title: Regulatory Analyst Date: 12/11/02

OGCC Approved: [Signature] Title: ENG Date: 1/15/03

**CONDITIONS OF APPROVAL, IF ANY:**

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. Operator Number: 56565 API Number: 05-123-19353  
2. Name of Operator: Merit Energy Company  
3. Well Name: Lohr Well Number: 13-2  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NW NE Sec. 13-T5N-R64W

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

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**DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

MIRU. POOH LD production string. RU WL. Run GR/CCL. Re-perforate Codell 6661' - 6671'; 4 spf. Perforate Niobrara 6480' - 6502'; 1 sp2'. RD WL.MIRU Halliburton to frac. Frac w/275,000# 20/40 sand + 136,700 gals. Frac fluid. Start Flowback.

*10/16/02*  
*PTN:* ~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~  
*3 pgs*



**HALLIBURTON**

**Merit Energy Company**  
12222 Merit Drive, Suite 1500  
Dallas, Texas 75251

Well Type: 2  
Well Cat: 1  
State: CO  
County: Weld  
Serv. Loc. 55410  
Ref Loc. 1

Operator: Jesus Garcia  
Engineer: Christian Veillette

Lohr 13-2  
October 16, 2002  
TICKET # 2090379

**Job Log**

Pre Job	Total Clean Fluid on Location		141,834 Gals Clean
Pre Job	After Prime-up	1,009 Gal	140,825 Gals Clean
Pre Job	minus Bottoms	7000 Gal	133,825 Gals Clean
Pre Job	Required		136,700 Gals Clean
Pre Job	Excess		(2,875) Gals Clean
Pre Job	Total Proppant on Location 20/40		275,080 #
Pre Job	Proppant Hauled From		Lucerna Terminal
Pre Job	Lines Tested To		6,000 Psig
Pre Job	Max Pressure		5,000 Psig
Pre Job	Pressure Kick-out Set Point		4,800 Psig
Pre Job	Backside Pump		NO
Pre Job	Backside Kick-out Set Point		NA Psig
Pre Job	Wellbore Volume		4348.3 Gallons

**DELTA TIME**

**EVENT LOG**

- 0.1 Begin Loading of well with Crosslinked Pad
- 2.2 Well Loaded with 1939 gal Clean Volume
- 2.8 Formation Break @ 3196 psi & 4.4 bpm
- 62.9 Start 1 ppg Sand @ 3704 psi & 14.5 bpm
- 70.0 1 ppg Sand On Bottom @ 3561 psi & 14.5 bpm
- 78.54 Start 2 ppg Sand @ 3668 psi & 14.4 bpm
- 85.97 2 ppg Sand On Bottom @ 3524 psi & 14.5 bpm
- 96.51 Start 3 ppg Sand @ 3540 psi & 14.5 bpm
- 103.8 3 ppg Sand On Bottom @ 3404 psi & 14.5 bpm
- 195.9 Start 4 ppg Sand @ 3621 psi & 14.4 bpm
- 203 4 ppg On Bottom @ 3511 psi & 14.4 bpm
- 239.6 Start Flush @ 3598 psi & 14.6 bpm
- 246.7 ISDP = 3715 psi & FFG = 0.981 psi/ft

**Averages**

Pressure	3,585 Psi
Rate	14.5 Bpm
Average Temperature	58.0 Deg. F
Visc	22.7 Cp

**Misc.**

Total Friction	NA Psi
Max Pressure	4,111 Psi
Total Silverclim Fluid	132,575 Clean Vol
Total SLF	94,475 Clean Vol
Load To Recover	3,254 Bbl



<b>HALLIBURTON</b>		<b>JOB LOG</b>		TICKET #	TICKET DATE
REGION <b>NORTH AMERICA</b>		HWA / COUNTRY <b>ROCKY MOUNTAIN/USA</b>		<b>2090379</b>	<b>10/16/02</b>
HBU ID / EMPL # <b>BRO607/ 121857</b>		H.S. EMPLOYEE NAME <b>JIM BRADY</b>		SDA / STATE <b>CO</b>	COUNTY <b>WELD</b>
LOCATION <b>BRIGHTON, CO</b>		COMPANY <b>MERIT ENERGY COMPANY</b>		PBL DEPARTMENT <b>PRODUCTION ENHANCEMENT</b>	
TICKET ACCOUNT		WELL TYPE <b>GAS</b>		CUSTOMER REP / PHONE <b>STEVE KALBERER</b>	
WELL LOCATION <b>LAND</b>		DEPARTMENT <b>S005</b>		JOB PURPOSE CODE <b>SILVERSTIM</b>	
LEASE / WELL # <b>LOHR</b>		Well No. <b>13-2</b>	SEC/TWP/RNG <b>SEC 13 T9N R64W</b>		

Chart No.	TIME	Rate (GPM)	VOLUME (GAL)			Press. (PSI)	JOB Description / Remarks	
			Inject	Flow	Surf			
	0600						CALLED OUT	
	0602						YARD SAFETY MEETING	
	0608						ON LOCATION	
	0606						PRE-RIGUP SAFETY MEETING	
	0648						PRIME UP TRUCKS	
	0700						PRE-JOB SAFETY MEETING	
	0710						TEST LINES TO 170 #	
	0715						MAX PRESSURE AT 5000#	
							POP OFFS AT 8500#	
	0718	14.0	38000	2	12		START JOB WITH CROSSLINKED PAD	
	0720	14.0	965	2	13		WELL LOADED WITH 1989GALS	
	0721	4.7		2	3198		BREAK FORMATION	
	0821	14.4	9000	4	3869		START 1 PPG SAND STAGE WITH .5# BREAKER	
	0823	14.5	214	4	3584		1 PPG SAND STAGE ON FORMATION	
	0930	14.5	10000	4	3688		START 2 PPG SAND STAGE WITH .75# BREAKER	
	0944	14.5	238	4	3824		2 PPG SAND STAGE ON FORMATION	
	0954	14.5	44000	4	3520		START 3 PPG SAND STAGE WITH 1# BREAKER	
	0902	14.5	1048	4	3404		3 PPG SAND STAGE ON FORMATION	
	1017	14.5	8800	4	3692		CONTINUE 3 PPG SAND STAGE WITH 1.25# BREAKER	
	1026	14.4	13800	4	3803		START 4 PPG SAND STAGE WITH 1.8# BREAKER/ 1g CAT3	
	1040	14.4	331	4	3512		4 PPG SAND STAGE ON FORMATION	
	1100	14.4	4000	4	3555		CONTINUE 4 PPG SAND STAGE WITH .25g CAT3	
	1108	14.4	4629	4	3653		CONTINUE 4 PPG SAND STAGE WITH .5CAT 3/ .12g CAT4	
	1117	14.4	4165	4	3690		FLUSH	
							<b>AVERAGES :</b>	
					<b>PRESSURE</b>	3585	<b>SHUTIN PRESSURES :</b>	
					<b>RATE</b>	14.5	<b>INSTANT</b>	3715
					<b>TEMP</b>	58	<b>3 MIN</b>	N/A
					<b>VIS.</b>	22.7	<b>10 MIN</b>	N/A
					<b>MAX :</b>		<b>15 MIN</b>	N/A
					<b>PRESSURE</b>	4111	<b>TOTAL VOLUME</b>	4207
					<b>RATE</b>	14.5	<b>FLUSH VOLUME</b>	4165