

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NMNM107384
2 Name of Operator MURCHISON OIL & GAS INC		6 If Indian, Allottee or Tribe Name
Contact CINDY COTTRELL E-Mail: ccottrell@jdmii.com		7 If Unit or CA/Agreement, Name and/or No
3a Address 1100 MIRA VISTA BOULEVARD PLANO, TX 75093-4698	3b Phone No (include area code) Ph: 972-931-0700 Ext. 109	8 Well Name and No ROCK RIDGE FEDERAL 3H
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Sec 30 T24S R29E SENE Lot H 1520FNL 350FEL		9 API Well No 30-015-39543-00-X1
		10 Field and Pool, or Exploratory WILLOW LAKE
		11 County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

10/1/12 - 10/4/12: 12 stage frac by Baker 6,956 ft to 11,300 ft, used 936 bbls 15% HCL acid, 220,984 lbs 100 mesh sd, 3,188,568 lbs 20/40 Ottawa sd, 302,208 lbs SB Excel sd & 96,145 bbls water.

10/5/12 - 10/8/12: RIH w/mill, motor & coil tubing. Milled out ports & circ hole clean. Started flowing well back.

RECEIVED

NOV 15 2012

NMOCD ARTESIA

*per attached
perf & tbg?*

14 I hereby certify that the foregoing is true and correct	
<p align="center">Electronic Submission #156445 verified by the BLM Well Information System For MURCHISON OIL & GAS INC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 10/29/2012 (13KMS3649SE)</p>	
Name (Printed/Typed) JACK RANKIN	Title VP OPERATIONS
Signature (Electronic Submission)	Date 10/25/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 11/10/2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Avalon Shale Perfs Summary Sheet

[illegible]

CASING / TUBING DETAIL CON'T

WELL NAME: Rock Ridge Federal #3H	
	MAKEUP (ft/lbs)
Section 1	5500#
Section 2	
Section 3	
Section 4	
Section 5	
SIGNIFICANT DETAILS OF JOB	
	RAN A RAPID START SLEEVE TOOL
	5 1/2 BTC 17# ON BOTTOM
	5 1/2 LTC 17# ON TOP

Centralizers: RAN SPIRAL GLIDERS EVERY OTHER ONE ON LATERAL SECTION, TOTAL OF 50
RAN BOW SPRING TYPE EVERY OTHER ONE ON LTC CASING, TOTAL OF 15

Scratchers, DV Tool, Special Tools, Etc:
FLOAT SHOE, FLOAT COLLAR, LANDING COLLAR AND RAPID START SLEEVE

Hole Condition Prior to Cementing: EXCELLENT

CEMENTING DETAILS

Cement Company:				
Slurry No.	Sacks	Description	#/Gal.	Ft3/Sk
1	720	EXTENDACEM-H	11.7	2.64
			15	2.61
2	490	SOLUCEM-H		

Tested Pump And Lines to		4000	psig
Pumped	2-BBLS	FRESH WATER TO TEST LINES	
Pumped	10-BBLS	FRESH WATER SPACER	
Pumped	40-BBLS	GEL WATER SPACER	
Pumped	338-BBLS	LEAD CMT 720 SKS	
Pumped	228-BBLS	TAIL CMT 490 SKS	
Pumped	265-BBLS	1500 GLS OF MSA ACID	
Pumped		80-BBLS/0.2 GL MMR/3%KCL	
Pumped			
Displaced Cement @		7	BPM
Displacement PSI Increased from 500 to 1900 psi			
Displaced with 0 bbls over calc. Displacement			
YES Bumped Plug,			

Released Pressure, Float	(Held/Failed)
Repressured to 0	PSI
Time & date of Job Complete	01/30/2012 @08:57
Returns during cementing:	FULL
Pipe Movement	
Prior to cementing:	FREE
During cementing:	FREE
Weight of casing after cement	140,000
Weight hung on casing hanger	
Cement top	2000 (Calculated or Meas)
PBTD.	

REMARKS

HAD RED WATER ON SURFACE BUT NO CEMENT

Sam Quiroz
Well Supervisor

1/30/2012
Date