Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 5. Lease Serial No. NMSF078764

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.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2					7. If Unit or CA/Agreement, Name and/or No. NMNM78407A		
Type of Well					8. Well Name and No. ROSA UNIT 15B		
Name of Operator Contact: MARIE E FLOREZ LOGOS OPERATING LLC E-Mail: mflorez@logosresourcesllc.com					9. API Well No. 30-039-29505-00-S1		
3a. Address 2010 AFTON PLACE FARMINGTON, NM 87401	3b. Phone No Ph: 505-78	No. (include area code) 787-2218		10. Field and Pool or Exploratory Area BLANCO MESAVERDE			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish, State		
Sec 29 T31N R5W NWSE 2465FSL 1715FEL 36.870079 N Lat, 107.382540 W Lon					RIO ARRIBA COUNTY, NM		
12. CHECK THE AF	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE OI	F NOTICE,	REPORT, OR OTH	ER I	DATA
TYPE OF SUBMISSION	TYPE OF ACTION						
	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	□ <i>\</i>	Water Shut-Off
Notice of Intent ■	☐ Alter Casing	☐ Hyd	☐ Hydraulic Fracturing ☐ Reclamation		ation	⊠ \	Well Integrity
☐ Subsequent Report	☐ Casing Repair	-	Construction	☐ Recomp	Recomplete		Other
☐ Final Abandonment Notice	☐ Change Plans	— Plug	and Abandon		arily Abandon		
BP				☐ Water D	□ Water Disposal		
LOGOS is requesting to perform following well. The CIBP was performed to the cibb was performed	rm another MIT test to co oreviously set @ 5150' or	ntinue a Tem n 1/7/2011.	porary Abandon	NM	IOCD REC'D 9/25/20		
14. I hereby certify that the foregoing is	Electronic Submission #	PERATING LI	.C, sent to the Fa	rmington	•		
Name(Printed/Typed) MARIE E		Title REGULATORY SPECIALIST					
Signature (Electronic Submission) Date 09/17/2020							
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE		
_Approved By _JOE KILLINS Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of the		TitleENGINEER	Date of the Particle Farmington		Date 09/23/2020		
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a		rson knowingly and		nke to any department or a	igency	of the United
States any false, fictitious or fraudulent s					- 1		



MECHANICAL INTEGRITY TEST- (2020)

Rosa Unit 15B 30-039-29505 2465' FSL & 1715' FEL Sec 29, T31N, R05W Rio Arriba County, Colorado Lat 36.8700752° Long -107.382515° Mesaverde

PROJECT OBJECTIVE:

Top off the casing with packer fluid. Rig up chart recorder and conduct mechanical integrity test.

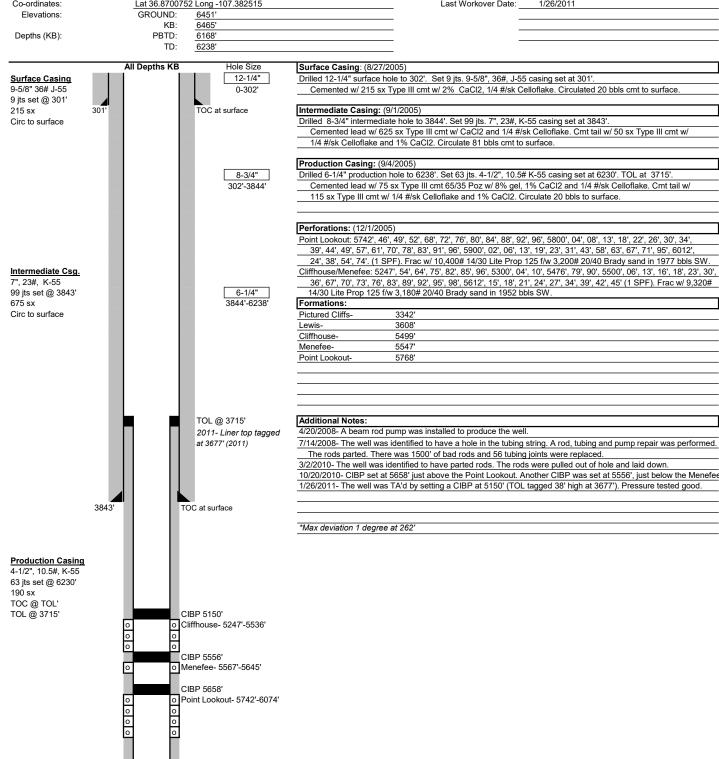
WORKOVER PROCEDURE:

- 1. Contact regulatory to ensure test has been scheduled with NMOCD.
- 2. Hold safety meeting. Comply with all LOGOS, BLM and NMOCD rules and regulations.
- 3. Top off the casing with packer fluid at least 24 hours before the pressure test.
- 4. Conduct preliminary pressure test to ensure CIBP is holding. Do not pressure up beyond 560 psig surface pressure.
- Call out Wellcheck.
- 7. RU Wellcheck to chart pressure test as follows:
 - · Top off packer fluid, if needed
 - Pressure up casing to 560 psig surface pressure
 - Record pressure on 1 hour chart with 1000 psig spring for 30 minutes
 - Contact engineer with results of pressure test
- 8. Bleed off pressure and release Wellcheck.



Current Wellbore Schematic

Well Name: Rosa Unit 15B Date Prepared: 10/16/2020 Gomez Location: Sec 29, T31N, R5W 2465' FSL & 1715' FEL Reviewed By: 10/21/2020 Moss County: Rio Arriba Spud Date 8/26/2005 Completion Date: API#: 30-039-29505 12/1/2005 Co-ordinates: Lat 36.8700752 Long -107.382515 Last Workover Date: 1/26/2011 Elevations: GROUND: 6451' KB: 6465 PBTD: 6168 TD: 6238



6230'

PBTD- 6168' TD - 6238

TOC at TOL

Drilled 6-1/4" production hole to 6238'. Set 63 jts. 4-1/2", 10.5# K-55 casing set at 6230'. TOL at 3715'. Cemented lead w/ 75 sx Type III cmt 65/35 Poz w/ 8% gel, 1% CaCl2 and 1/4 #/sk Celloflake. Cmt tail w/

Point Lookout: 5742', 46', 49', 52', 68', 72', 76', 80', 84', 88', 92', 96', 5800', 04', 08', 13', 18', 22', 26', 30', 34' 39', 44', 49', 57', 61', 70', 78', 83', 91', 96', 5900', 02', 06', 13', 19', 23', 31', 43', 58', 63', 67', 71', 95', 6012' 24', 38', 54', 74'. (1 SPF). Frac w/ 10,400# 14/30 Lite Prop 125 f/w 3,200# 20/40 Brady sand in 1977 bbls SW. Cliffhouse/Menefee: 5247', 54', 64', 75', 82', 85', 96', 5300', 04', 10', 5476', 79', 90', 5500', 06', 13', 16', 18', 23', 30', 36', 67', 70', 73', 76', 83', 89', 92', 95', 98', 5612', 15', 18', 21', 24', 27', 34', 39', 42', 45' (1 SPF). Frac w/ 9,320#

Formations:		
Pictured Cliffs-	3342'	
Lewis-	3608'	
Cliffhouse-	5499'	
Menefee-	5547'	
Point Lookout-	5768'	

7/14/2008- The well was identified to have a hole in the tubing string. A rod, tubing and pump repair was performed.

3/2/2010- The well was identified to have parted rods. The rods were pulled out of hole and laid down.

1/26/2011- The well was TA'd by setting a CIBP at 5150' (TOL tagged 38' high at 3677'). Pressure tested good.