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Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP 2 4 2019

FORM APPROVED OMB No. 1004-0137 Expires: January 31, 2018

5. Lease Serial No. Jicarilla Contact 152

SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3160-3 (A	PD) for such proposals	anageme S.	^{nt} Jicarilla Apache		
SUBMIT IN	TRIPLICATE - Other instru	7. If Unit of CA/Agreer	ment, Name and/or No.			
1. Type of Well						
☐ Oil Well G as W		8. Well Name and No. Jicarilla West 002				
2. Name of Operator LOGOS Operation	ng, LLC	9. API Well No. 30-039-06743				
3a. Address 2010 Afton Place		3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area		xploratory Area		
Farmington, NM 87401	(505) 787-2218		Blanco P.C. South			
4. Location of Well (Footage, Sec., T., F.	R., M., or Survey Description,		11. Country or Parish, State			
860 FNL & 950 FEL, NE/NE, A Se	c 06 T26N R05W		Rio Arriba County		NM	
12. CHE	CK THE APPROPRIATE B	OX(ES) TO INDICATE NATURI	E OF NOTI	CE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION				
✓ Notice of Intent	Acidize				uction (Start/Resume) Water Shut-Off	
	Alter Casing	Hydraulic Fracturing		amation	Well Integrity	
Subsequent Report	Casing Repair	New Construction	Reco	omplete	✓ Other	
BP	Change Plans	Plug and Abandon		porarily Abandon	BH Remediation	
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	er Disposal		
the Bond under which the work will completion of the involved operation	ally or recomplete horizontal be perfonned or provide the lons. If the operation results in	ly, give subsurface locations and ree Bond No. on file with BLM/BIAn a multiple completion or recomp	neasured ar A. Required oletion in a	nd true vertical depths of subsequent reports must new interval, a Form 316	fall pertinent markers and zones. Attach	
LOGOS requests to perform a	Bradenhead Remediation	per the attached procedure ar	nd current	wellbore diagram.		

Notify NMOCD 24 hrs prior to beginning operations

NMOCD

OCT 0 2 2019

14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>) Marie E. Florez	Regulatory Specialist			
Signature Wall Amarc	Date	09/23/2019		
THE SPACE FOR FED	ERAL OR STAT	E OFICE USE		
Approved by		E OFICE USE ACCEPTED FOR RECORD		
	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.		FARMINGTOM FLAT		

(Instructions on page 2)





2010 Afton Place Farmington, NM 87401 Phone: (505) 278-8720

Fax: (505) 326-6112

Jicarilla West 2 API 30-039-06743 Section 6 Township 26N Range 05W Unit Letter A

Bradenhead Remediation Plan of Action

- 1. Check secondary seal on wellhead and replace if testing indicates a failure.
- 2. If wellhead testing and repair is done, conduct a re-test of bradenhead.
- 3. If bradenhead gas is not eliminated by wellhead repair, set plug within 50' of top perforation and conduct MIT.
- 4. Evaluate bradenhead repair and shut off flow to the bradenhead by repair or plug if necessary.



Wellhore Schematic

				,	Weilbore Scheinauc			
Well Name:		arilla We				Date Prepared: _	7/17/2019	
Location:	UL A, Sec 06, T26N, R05W 860' FNL & 950' FEL				Last Updated:	Hespe		
County:	Rio Arriba					Spud Date:	1/21/1960	
API#:		039-0674				Completion Date:	1/29/1960	
Co-ordinates:	Lat				AD83	Last Workover Date:	<u></u>	
Elevations:		GROL	JND: <u>6543</u> '			_		
			KB: 6555			_		
Depths (KB):		PE	37D: 3263			_		
			TD: <u>3300</u>					
	_							
	AI	l depths	KB	Hole Size	Surface Casing: (1/21/196			
Surface Casing				11"	Drilled 11" surface hole to 175'. Ran 5 jnts 8-5/8", 24#, J-55 set at 174'			
8-5/8", 24#, J-55				0-175'	Cemented w/ 100 sxs w/	2% CaCl.	-	
5 jts at 174'								
100 sx	174'		TOC	at surface (calc)			•	
TOC at surf.			Per C	alc		<u> </u>		
					Production Casing: (1/28/	1960)		
				7-7/8"		nole to 3300'. Ran 99 jnts 5-1/2",	15.5# .I-55 set at 3300'	
		1 1		175'-3300'		/ 8% gel + 50 sxs w/ 2% CaCl.	10.0%, 0 00 001 01 0000	
				110-0000		ssuming 1.18 yield and 75% effici	ency	
Production Casing	.			•	700 at 2407 per calle at	oddining 1. vo yield and 1070 cine	J.103.	
5-1/2" 15.5# J-55	•	11			Tubing: (2/2/1960)	* *	length (ft)	
		1 1	1		KB		12	
99 jts set at 3300' 150 sxs		11	1		(108) 1-1/4" 2.4# J-55 tubin	a into	3219	
		1 1	ŀ		(106) 1-1/4 2.4# J-95 tubili	g Ints	3218	
TOC at 2497' per ca	aic	-1 1	1					
		11	1			Set at:	3231	
		1 1			Destanding	Sei at.	3231	
			1		Perforations:	00041004010 005		
	- 1	11			Pictured Cliffs: 3180'-3212',	3224-3240 2 SPF.		
	- 1		1		41412 gai water w/ 3000	0# 20/40 sand and 10000# 10/20	sang.	
Tubing			m-11					
1-1/4" 2.4# J-55		1 1	1: 3	at 2497'				
108 jnts set at 3231	"]	1 1	per ca	ılc	Formations:			
		11				712'	·	
		11	(900,		
•		1 1				170'	···	
		11	<i>i</i> :		Lewis 3	250'		
	[]	1 1						
		11			Additional Notes:			
		11			No Workover Since Comple	etion in 1960.		
	1	11						
		1	13					
		1	1. 1			·····		
		11						
	0	1 1	o PC: 3	180'-3212'				
	0		O PC: 3	224'-3240'				

PBTD - 3263' TD - 3300'