

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 24 2019

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

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.

5. Lease Serial No. Jicarilla Contact 60
6. If Indian, Allottee or Tribe Name
Jicarilla Apache

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator LOGOS Operating, LLC

3a. Address 2010 Afton Place
Farmington, NM 87401

3b. Phone No. (include area code)
(505) 787-2218

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. Indian I 001

9. API Well No. 30-039-06291 07246

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
980 FNL & 900 FWL, NW/NW, D Sec 27 T28N R03W

10. Field and Pool or Exploratory Area
Gavilan Pictured Cliffs / Blanco Mesaverde

11. Country or Parish, State
Rio Arriba County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	BH Remediation
	<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 recomplate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

LOGOS requests to perform a Bradenhead Remediation per the attached procedure and current wellbore diagram.

NMOCD

Notify NMOCD 24 hrs
prior to beginning
operations

SEP 24 2019
DISTRICT III

*Notify agencies of any issues discovered prior to remediation

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Marie E. Florez

Regulatory Specialist

Title

Signature

Marie E. Florez

Date

09/23/2019

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

ACCEPTED FOR RECORD

Title

Date

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

SEP 25 2019

FARMINGTON FIELD OFFICE

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.

(Instructions on page 2)

NMOCD



2010 Afton Place
Farmington, NM 87401
Phone: (505) 278-8720
Fax: (505) 326-6112

Indian I 1

API 30-039-07246

Section 27 Township 28N Range 03W

Bradenhead Remediation Plan of Action

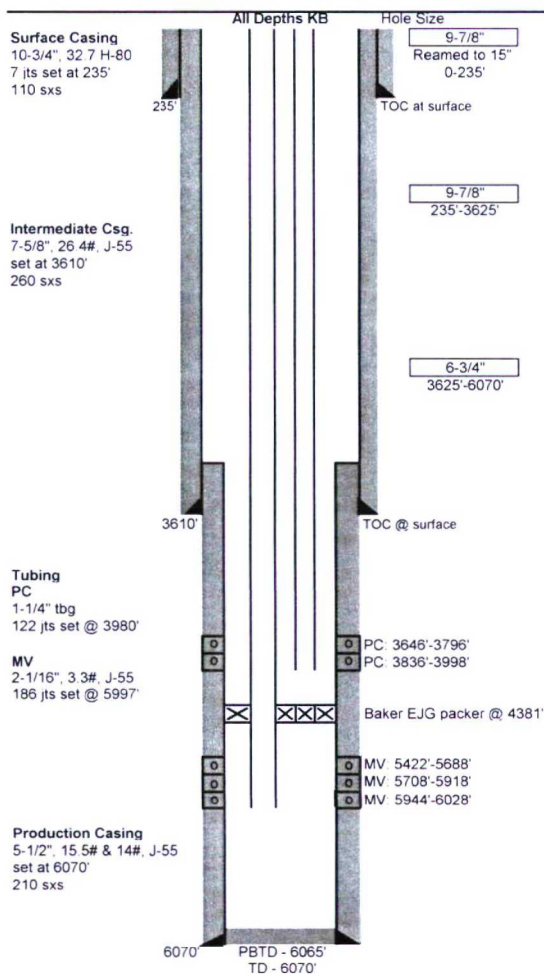
1. Check secondary seal on wellhead and replace if testing indicates a failure.
2. If wellhead testing and repair is done, conduct a re-test of bradenhead.
3. If bradenhead gas is not eliminated by wellhead repair, set plug within 50' of top perforation and conduct MIT.
4. Evaluate bradenhead repair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



Well Name: Indian 1 1
 Location: Sec 27, T28N, R3W 980' FNL & 900' FWL
 County: Rio Arriba
 API #: 30-039-07246
 Co-ordinates: Lat 36 6152' Long -107 1439972'
 Elevations: GROUND: 7009'
 Depths (KB): KB: 6065'
 PBD: 6065'
 TD: 6070'

Wellbore Schematic

Date Prepared: 7/31/2019 Hespe
 Last Updated: 10/7/1955
 Spud Date: 3/19/1956
 Completion Date:
 Last Workover Date:



Surface Casing: (10/7/55)	
Drilled a 9-7/8" surface hole to 235' then reamed to 15" Set 10-3/4", 32 75#, H-40 casing at 235'	
Cemented w/ 110 sxs 2% gel	
Intermediate Casing: (10/24/55)	
Drilled a 9-7/8" intermediate hole to 3625' Set 7-5/8", 26 4#, J-55 casing at 3610'	
Cemented w/ 160 sxs 6% gel & 100 sxs of neat	
Production Casing: (10/30/55)	
Drilled a 6-3/4" production hole to 6070' Set 5-1/2", 15 5# & 14#, J-55 csg at 6070'	
Cemented w/ 210 sxs 8% gel & 1/4#/sk flocele	
Tubing: PC	Length (ft)
KB	
(122) 1-1/4" tbq joints	
	Set at: 3980' ft
Tubing: MV	Length (ft)
KB	
(186) 2-1/16" 3.25# tbq joints	
	Set at: 5997' ft
Rods	
n/a	
Pumping Unit	
n/a	
Perforations:	
PC: 3646'-3998' Frac'd in two stages: 3646'-3796' w/ 36000 gal wtr & 30000# sd	
3836'-3998' w/ 36000 gal wtr & 38000# sd	
MV: 5422'-6028' Frac'd in three stages: 5422'-5688' w/ 37200 gal wtr & 25000# sd	
5708'-5918' w/ 37000 gal wtr & 40000# sd 5944'-6028' w/ 34000 gal wtr & 40000 sd	
Formations:	
Ojo Alamo-	3300'
Kirtland-	3428'
Fruitland-	3524'
Pictured Cliffs-	3597'
Cliff House-	5673'
Menefee-	5696'
Point Lookout-	5932'
Additional Notes:	