

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC152
2. Name of Operator LOGOS OPERATING LLC		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 2010 AFTON PLACE FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-787-2218		8. Well Name and No. JICARILLA WEST 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T26N R5W NENE 860FNL 950FEL 36.520950 N Lat, 107.393960 W Lon		9. API Well No. 30-039-06743-00-S1
		10. Field and Pool or Exploratory Area BLANCO P.C. SOUTH
		11. County 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 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 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	Workover Operations
	<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 must 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 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 completed the Bradenhead Remediation per the attached report.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #516005 verified by the BLM Well Information System For LOGOS OPERATING LLC, sent to the Rio Puerco Committed to AFMSS for processing by JOE KILLINS on 05/26/2020 (20JK0036SE)	
Name (Printed/Typed) MARIE E FLOREZ	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 05/20/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOE KILLINS Title PETROLEUM ENGINEER	Date 05/26/2020
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 Rio Puerco

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)

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

AV

API: 30-039-06743

Well Name: Jicarilla West 002

1/15/2020 - MIRU. Spot pits, pump trailers. Spot rig over WH. Blow down. BH did have a good amount of flow coming out. Change spool around. NU. Pull 1.25" tubing out. LD on trailer. PU RBP & set @ 31' below surface. PSI tested against BOP, 5.5" hanger. Surface equipment. Slow leak while pressure testing. BH left open, good amount of volume blowing out. Big Red will bring new seals. LD RBP. PU blade bit, casing scraper. TIH. PU pipe from trailer. Tagged hard @ 3252'.

1/16/2020 TOOH, change out blade-scraper for CBP. TIH, to 3140' & set CBP. PU 10' & load hole w/ H2O. Roll the air out. Unload a lot of mud. Perform injection test, shut pipe rams. Showed no sign of pressure loss. Held 560psi for 30 mins. TOOH, BH still showed signs of unloading but slowed down. Remove upper section of WH. Remove upper section of WH. No seals on production hanger. Install knight cap on WH and leave BH open for 12hrs.

1/17/2020 Warm RU. Hook H2O lines up. NU BOP. PJSM w/ Basin WL crew. Run CBL f/surface to 3150'. Pull data from CBL. RD WL. Wait on orders. LOGOS notified & received verbal approval from Joe Killins (BLM), Monica Kuehling (OCD) and Orson Harrison (JOGA) to leave BH open to pit/tank for the weekend. LOGOS will shut-in well on Sunday for 24hrs to run BH test Monday. If pressure on BH, will get gas sample off casing and BH. If needed Monica will extend to monitor BH for 30 days.

1/20/20 Warm RU. Install 30psi max gauge on BH. Open BH up to gauge, after 22hrs of shut-in, the gauge had 2psi on BH and 0psi on 5.5" csg. LOGOS notified Monica Kuehling (OCD) regarding the pressures. Monica allowed 30 days to monitor the BH. PU bit. Drill collars & 2-3/8" work string. TIH, to 3150'. Drill CBP. Wash to BTM. Circulate hole & co. LD2-3/8" string. Change BOP rams for 2-1/16" RIH, w/ 2-1/16", J-55 production tubing & landed @ 3206'. Land hanger in WH. Run standing. Pressure test. Retrieve standing valve. ND Install WH tree. RD.