Form 3160-5 (June 2015)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

RECEIVED

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

## BUREAU OF LAND MANAGEMENT

. Lease	CII	ai	10.	N	MS	SF	078769								
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Do not use this fo	ornces and Repor orm for proposals to se Form 3160-3 (AP	drill or to	re-enter an			ribe Name		
SUBMIT IN TR	RIPLICATE - Other instruc	7. If Unit of CA/Agreeme	7. If Unit of CA/Agreement, Name and/or No.					
1. Type of Well		NMNM 78407E						
☐ Oil Well <b>Gas</b> We		8. Well Name and No. Rosa Unit 654H						
2. Name of Operator LOGOS Operating	g, LLC			9. API Well No. 30-039-31327				
3a. Address 2010 Afton Place Farmington, NM 87401		b. Phone No. (505) 787-221	include area cod 8	?)	10. Field and Pool or Exploratory Area  Basin Mancos			
4. Location of Well (Footage, Sec., T.,R., 1015 FNL & 363 FEL, NE/NE, A, Se						11. Country or Parish, State Rio Arriba County, NM		
		X(ES) TO IND	ICATE NATURI	OF NO	OTICE, REPORT OR OTHER			
TYPE OF SUBMISSION					ACTION			
Notice of Intent	Acidize Alter Casing		en aulic Fracturing	Re	roduction (Start/Resume)	Water Shut-Off  Well Integrity  ✓ Other		
Subsequent Report	Casing Repair Change Plans		and Abandon	=	ecomplete emporarily Abandon			
Final Abandonment Notice	Convert to Injection	Plug			ater Disposal	New API & surface location		
completion of the involved operations. If the operation results in a multiple completion or recompletion 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 detennined that the site is ready for final inspection.)  LOGOS Operating is requesting a new API number from 30-039-31327 to 30-039-31384 as the new surface location of 1053 FNL & 298 FEL as the Rosa Unit 654H.  See attached C102 Plat.								
			MAY 0 6 2019					
DISTRICT 111								
14. I hereby certify that the foregoing is tr	ue and correct. Name (Print	ted/Typed)	Regulator	v Speci	alist			
Marie E. Florez			Title	,				
Signature Signature	1) level		Date 05/02/2019					
THE SPACE FOR FEDERAL OR STATE OFICE USE								
Approved by Dave Mark	rkiewicz		Title A	FM	Minerals Dat	. 5/3/19		
Conditions of approval, if any, are attached certify that the applicant holds legal or equivich would entitle the applicant to condition	uitable title to those rights in			FF	0	,		

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)



District I 16:25 N. French Drive. Hobbs, NM 88240 Photi2 (575) 393-6161 Fax (575) 393-0720 District II 811 S. First Street, Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

811 S. First Street, Artesia, NM 88210 Phone: (575) 748-1283 Fex: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Orive, Santa Fe, NM 87505 Phone: (505) 476-3460 Fax (505) 476-3462

## State of New Mexico Energy, Ninerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505 Form C-102 Revised August 1, 2011

Submit one copy to Appropriate District Office

AMENDED REPORT

Thereby certify that the information contained never is true and complete to the best of my incolledge and belief, and that this organization either owns a working interest or unlessed ainered interest in the land including the proposed botton-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a ainered or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Marie E, Florez

	5/2/2019
igneture Varie E. Florez	Date
rinted Name Inflorez@logosres	ourceslic.com
-mail Address	
SURVEYOR C	ERTIFICATION

"OPERATOR CERTIFICATION

SURVEYOR CERTIFICATION
I hereby certify that the well location
shown on this plat was platted from field
notes of ectual surveys made by se or under
my supervision; and that the same is true
and correct to the best of my belief.

Date Revised: MARCH 21, 2019
Date of Survey: MARCH 15, 2019
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code 30-039-31384 97232 BASIN MANCOS Property Code Well Number Property Name 320608 ROSA UNIT 654H 'OGRID No \*Operator Name Elevation 289408 LOGOS OPERATING, LLC 6372 <sup>10</sup> Surface Location UL or lot no est from the RIO 25 31N 6W 1053 NORTH 1 298 **EAST** ARRIBA <sup>11</sup> Bottom Hole Location If Different From Surface UL or lot on Sect for ÄÏÖ 1193 21 31N 5W 83 SOUTH WEST М ARRIBA Dedicated - Section 25, T31N, R6W Section 20, 21, T31N, R5W Joint or Infall Order No. N/2 S/2 1464.85 N/2 -Sections 29, 30, T31N, R5W NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

(RECORD) NORTH 2640.00 NO 14 27 W 2642.13 (NEASURED) (RECORD) S89 "58" W 1845.35" D) (RECORD) S89 50 E 1184.70' N89 42'14'E 1180.61' (MEASURED) 389 '40 '44 W 1845.36' S89 '40 '44 W 1846.24 (MEASURED) (RECORD) S89 '50 E 2640.00 (FECORD) S89 '58 W 2640.00' (RECORD) N89 '59 W 2643.63 ' S89 '57 '44 W 2636.80 ' (MEASURED) (RECORD) 589 59 W 2642.31 (RECORD) NB9 159 W 2643.63 (RECORD) S89 "59 W 2642.31" \$89 \$5 09 W 2628.91" 589 '32 '38 'W 2637.07' (NEASURED) S89 "27 "22"N 2642.41" (NEASURED) 589 '47 '25"N 2643.19" (MEASURED) S89 '58'12'E 2639.91' (VEASURED) • Æ 8 NO 11 DEASURED) LOT 73 Y 2640.00 DEASPED 107 MEASURED) 03 N 2640.( (PECOPO) (MEASURED) NO 12 52 V 2642.18 107 ş ş NORTH 2640.00\* ١ 5 ş 5280.00 24 19 20 .9.49.49.4 2636.72 c NO 17 TO 14 2830 38 . NO 102 M 2840.00 . (PECDPD) 8 8 LOT 3 EQ. ON 107 (NEASURED) 703 W 2640.( COPECTORS) 3 (RECORD) S89 '50 E 1198-56 (RECORD) MEST 1849.32 NB9 57 20 E 1196 20 ED) (RECORD) N S89 50 E 2640.00 9 (RECORD) NEST 2640.00 '43'01'W 2633.94' (NEASURED) (RECORD) . MEST 2640.00` S89°45'58'N 2630.86 (MEASURED) S89 \*45 19 W 1849. (NEASURED) -707 3 107 (RECORD) MEST 2640.00 NB9 57 41 E 2634.54 MEASURED) 589 (RECORD) VB9 159 W 2643.30 (MEASURED) S89 '46 '21 'N 2636.34 589 "34 "52"N 2638.94 (NEASURED) SB9 "45 27"W 2640.19 (MEASURED) N00"21.TE 10550.2" (NECORO) NO 103 E 2540.00 NO 109 21 TH 2541.53 (NEASCHED) NO 17 17 1833.98 (NEASIRED) 1930 W 2622.70 0 TB W 2640.00 ' (RECORD) (NEASHED) NO '20'31" 26'38.10' NO '02" 25:40.00' (RECORD) NO2\*20.2E NB9 "59 W 2643.30" (RECORD) LOT LOT 1 - 298 (MEASURED) NO 15 24 W 2840.08 107 NORTH 2640.00 (RECORD) LOT 30 28 NEASUREU 11419 W 2833.921 NO VOZ W 2640.001 (RECOPE) (PECOFI) NO 103 E 2640,00 10 53 W 2639,35 (NEASUMED) ġ, ġ (1) NO '18 '15 'W 255.54 NO '03 'M 2540.00 ' (RECOPU) LOT TO IN SEADOO ēģ. 107 NO SE SE ON LOT 707 (NEASURED) \$89 '36' 03' N' 2645.79' \$89 '58 N' 2643.30' (RECORD) (MEASLIFED) N89 \*48 '09 'E 2634.82 (NEASURED) \$89 '42 '32 N 2634.97' \$89 '59 N 2641.32' (RECORD) (MEASURED) SB9 \*42 09 W 2632 B0 (NEASURED) S89 50 57 W 2625.99 (MEASURED) S89 '43 '88 W 2639.21 S89 "59 W 2641.32" (RECORD) 589 '58 W 2643.30 (RECORD) S89 '55 E 2640.00' (RECORD) NB9 '57 W 2640.00 (PECORD) S89 46 40 W 1857.64 NEASURED) NB9 '51 57 E 1200.16 SUPFACE LOCATION 1053 FML 298 FEL SEC 25, T31N, R6N LAT: 36.874962 N LONG: 107.408201 W DATUR: NAD1927 POINT-OF-ENTRY END-OF-LATERAL NB9 '57 W 1854.50' FUINITUTE NINT 186: FNL 259: FEL SEC 25, T31N, R6N LAT: 36.877342 N LONG: 107.408067 W DATUR: NAD1927 B3' FSL 1193' FML 83' FSL 1193' FML SEC 21, T31N, R5N LAT: 36.878036'N LONG: 107.372007 W DATUM: NAD1927 S89 '55 E 1201.86' (NEASURED) NO 14 34 W 2640.00 NORTH 2640.00 (RECORD) LAT: 36.874968 N LONG: 107.408804 W LAT: 36.877348 N LONG: 107.408670 W LAT: 36.878042 N LONG: 107.372609 W

DATUM: NAD1983

DATUM NAD1983

DATUM: NAD1983