

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised August 1, 2011
		1. WELL API NO. 30-039-31195
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN
		3. State Oil & Gas Lease No. <b>E-1207</b>

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)	5. Lease Name or Unit Agreement Name <b>NCRA State</b>  6. Well Number: <b>8P</b> <div style="text-align: right; font-size: 1.2em;"><b>RCVD OCT 21 '13</b></div>
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7. Type of Completion:  
 **NEW WELL**     WORKOVER     DEEPENING     PLUGBACK     DIFFERENT RESERVOIR     OTHER    **OIL CONS. DIV.**

8. Name of Operator **Logos Operating, LLC**      9. OGRID **289408**      **DIST. 3**

10. Address of Operator **4001 North Butler Ave, Bldg 7101, Farmington, NM 87401**      11. Pool name or Wildcat  
**Devils Fork Gallup**

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
<b>Surface:</b>	P	16	24N	6W		888	S	470	E	Rio Arriba
<b>BH:</b>										

13. Date Spudded 9/19/13	14. Date T.D. Reached 9/27/13	15. Date Rig Released 10/01/13	16. Date Completed (Ready to Produce) 10/16/13	17. Elevations (DF and RKB, RT, GR, etc.) 6769' GL
18. Total Measured Depth of Well 6465' KB		19. Plug Back Measured Depth 6416' KB		20. Was Directional Survey Made? NO
21. Type Electric and Other Logs Run GR, CCL, CBL, Neutron, Density, Elec				

22. Producing Interval(s), of this completion - Top, Bottom, Name  
**Devils Fork Gallup / 5560' - 6266'**

CONFIDENTIAL

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8 / J-55	36#	324' KB	12-1/4	6yds (29bbls, 163cf)	18 bbls
5-1/2 / P-110	17#	6458' KB	7-7/8	940sx (297bbls, 1671cf)	40 bbls
					Stage tool @ 4753'

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8, J-55, 6.5#	Report with	1 <sup>st</sup> delivery.

26. Perforation record (interval, size, and number) Lower Gallup w/.385" diam, 3SPF @ 6186' - 6266' = 45 holes Middle Gallup w/.385" diam, 3SPF @ 5712' - 5772' = 39 holes Upper Gallup w/.385" diam, 3SPF @ 5560' - 5675' = 39 holes  <b>TOTAL GALLUP HOLES = 123</b>	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>6186' - 6266'</td> <td>Acidize w/48bbl 15% HCL Acid. Frac w/3972bbls Slickwater, 10,000# 100Mesh, 11,780# 40/70 Ottawa Sand.</td> </tr> <tr> <td>5712' - 5772'</td> <td>Acidize w/48bbl 15% HCL Acid. Frac w/2738bbls Slickwater 70Q N2, 10,403# 100Mesh, 104,832# 40/70 Ottawa Sand. Total N2: 2.7MMSCF</td> </tr> <tr> <td>5560' - 5675'</td> <td>Acidize w/48bbl 15% HCL Acid. Frac w/3599bbls Slickwater 70Q N2, 10,691# 100Mesh, 165,428# 40/70 Ottawa Sand. Toal N2: 2.9MMSCF</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	6186' - 6266'	Acidize w/48bbl 15% HCL Acid. Frac w/3972bbls Slickwater, 10,000# 100Mesh, 11,780# 40/70 Ottawa Sand.	5712' - 5772'	Acidize w/48bbl 15% HCL Acid. Frac w/2738bbls Slickwater 70Q N2, 10,403# 100Mesh, 104,832# 40/70 Ottawa Sand. Total N2: 2.7MMSCF	5560' - 5675'	Acidize w/48bbl 15% HCL Acid. Frac w/3599bbls Slickwater 70Q N2, 10,691# 100Mesh, 165,428# 40/70 Ottawa Sand. Toal N2: 2.9MMSCF
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**28. PRODUCTION**

Date First Production To be reported on 1 <sup>st</sup> delivery.		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) <i>Flowing</i>			Well Status ( <i>Prod. or Shut-in</i> ) <i>Shut-in</i>		
Date of Test To be reported on	Hours Tested Next sundry.	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)      30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude      Longitude      NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signature *Tamra Sessions*      Printed Name **Tamra Sessions**      Title **Operations Tech**      Date *10/18/13*

E-mail Address **tsessions@logosresourcesllc.com**

**INSTRUCTIONS**  
AV

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 1693'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 1855'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 2254'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee 3870'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 4537'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 4860'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 5185'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

**OIL OR GAS SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to..... feet.....  
 No. 2, from.....to..... feet.....  
 No. 3, from.....to..... feet.....

**LITHOLOGY RECORD (Attach additional sheet if necessary)**

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

