

Submitter: Appropriate District Office District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88201 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> 1220 South St. Francis Dr. Santa Fe, NM 87505			<b>Form C-105</b> July 17, 2008		
<div style="position: relative; height: 40px;"> <span style="position: absolute; top: -20px; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">RECEIVED</span> <span style="position: absolute; top: -20px; left: 20%;">JUN 11 2010</span> <span style="position: absolute; top: -20px; left: 40%;">HOBBSOCD</span> </div>							
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>							
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>BUFFALO ARU STATE</b>			
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input checked="" type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				6. Well Number: <b>1</b>			
8. Name of Operator: <b>Lime Rock Resources A, L.P.</b>				9. OGRID: 255333			
10. Address of Operator: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401				11. Pool name or Wildcat: <b>Permo Upper Penn</b> <b>TOWNSEND WOLFCAMP (59850)</b>			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:	K	18	16-S	35-E		1980	
BH:							
13. Date Spudded 9/27/97	14. Date T.D. Reached 10/2/97	15. Date Drilling Rig Released 10/4/97		16. Date Completed (Ready to Produce) WO: 5/13/10		17. Elevations (DF and RKB, RT, GR, etc.): 4041' GR	
18. Total Measured Depth of Well 13,647'		19. Plug Back Measured Depth 11,265'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run DNL/GR & Laterlog	
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>10,821'-10,866' Townsend Wolfcamp</b>							
<b>23. CASING RECORD (Report all strings set in well)</b>							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13-3/8"	36#	357'	17-1/2"	In place	0'		
8-5/8"	24 & 32#	4674'	11"/8"	In place	0'		
5-1/2"	17#	13293'	7-7/8"	1100 sx			
<b>24. LINER RECORD</b>							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN			
26. Perforation record (interval, size, and number) <b>10,821'-10,866', 250 holes</b>				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
				10,821'-10,866'		6000 gals 15% NEFE	
<b>28. PRODUCTION</b>							
Date First Production READY		Production Method (Flowing, gas lift, pumping - Size and type pump) Plan to P&A			Well Status (Prod. or Shut-in) Shut-in - Plan to P&A		
Date of Test 5/3-13/10	Hours Tested Swabbed all Day	Choke Size	Prod'n For Test Period:	Oil - Bbl TSTM	Gas - MCF TSTM	Water - Bbl. Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. TSTM	Gas - MCF TSTM	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Plan to P&A					30. Test Witnessed By: Jerry Smith		
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 <i>Mike Pippin</i>		Printed Name Mike Pippin		Title: Petroleum Engineer		Date: 6/10/10	
E-mail Address: mike@pippinllc.com				JUL 12 2010 PETROLEUM ENGINEER			

## INSTRUCTIONS

**BUFFALO ARU STATE #1**

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	T. Penn A"	
T. Salt	T. Strawn	11,850'	T. Kirtland	T. Penn. "B"	
B. Salt	T. Atoka	12,034'	T. Fruitland	T. Penn. "C"	
T. Yates	T. Miss	13,444'	T. Pictured Cliffs	T. Penn. "D"	
T. 7 Rivers	T. Devonian		T. Cliff House	T. Leadville	
T. Queen	T. Silurian		T. Menefee	T. Madison	
T. Grayburg	T. Montoya		T. Point Lookout	T. Elbert	
T. San Andres	T. Simpson	4540'	T. Mancos	T. McCracken	
T. Glorieta	T. McKee	6190'	T. Gallup	T. Ignacio Otzte	
T. Yeso	T. Ellenburger		Base Greenhorn	T. Granite	
T. Blinebry	T. Gr. Wash		T. Dakota		
T. Tubb	T. Delaware Sand	7357'	T. Morrison		
T. Drinkard	T. Bone Springs		T. Todilto		
T. Abo	T. Rustler	8145'	T. Entrada		
T. Wolfcamp	T. Morrow	9770'	T. Wingate		
T. Penn	T. Austim	10,614'	T. Chinle		
T. Cisco (Bough C)	T. Chester Lm	13,316'	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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
			- On File -

From	To	Thickness In Feet	Lithology