

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: INJ			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____			7. Unit or C/A Agreement Name and No.		
2. Name of Operator LIME ROCK RESOURCES II-A, L.P. E-Mail: mike@mippinllc.com			8. Lease Name and Well No. CHALK BLUFF FEDERAL SWD 1		
3. Address C/O MIKE PIPPIN 3104 N. SULLIVAN FARMINGTON, NM 87401			9. API Well No. 30-015-27163		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1980FSL 990FEL At top prod interval reported below NESE 1980FSL 990FEL At total depth NESE 1980FSL 990FEL			10. Field and Pool, or Exploratory SWD WOLFCAMP CISCO 96136		
14. Date Spudded 11/24/1992			15. Date T.D. Reached 01/06/1993		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/18/2014			17. Elevations (DF, KB, RT, GL)* 3628 GL		
18. Total Depth: MD 10150 TVD			19. Plug Back T.D.: MD 8346 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) IND, DEN/NEUT, SONIC, CBL		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)					

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8.750	7.000 N-80	29.0			6997	850			0
17.500	13.375	54.5	0	400		365		0	0
12.250	9.625	36.0	0	2600		840		0	0
8.750	7.000 S-95	26.0	0	8963		350			0
6.000	4.500 N-80	11.6	8600	10150		200			0

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
4.500	6553	6553						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
AGWD WOLFCAMP CISCO	6474	8440	6630 TO 7590	0.510	500	OPEN
B)						
C)						
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
6630 TO 7590	5000 GAL 15% HCL & 1000# ROCK SALT

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/14/2014	10/14/2014	24	→			1026.0			OTHER
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					WDW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #271690 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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Pending BLM approvals will  
subsequently be reviewed  
and scanned

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
NORTH ILLINOIS CAMP MORROW	594		OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA ABO WOLFCAMP CISCO CANYON	1159 1492 1985 3536 5744 6474 7686 8440

32. Additional remarks (include plugging procedure):

THIS WELL HAS BEEN RECOMPLETED TO SWD IN THE WOLFCAMP/CISCO.  
ON 9/18/14, RAN MIT TEST.  
1ST INJECTION OF 1026 BW @ 1050 PSI ON 10/14/14.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #271690 Verified by the BLM Well Information System.  
For LIME ROCK RESOURCES H-A, L.P., sent to the Carlsbad

Name (please print) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 10/17/2014

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.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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 reverse side.**

5. Lease Serial No. NMNM0557371
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. CHALK BLUFF FEDERAL SWD 1
9. API Well No. 30-015-27163
10. Field and Pool, or Exploratory SWD WOLFCAMP CISCO
11. County or Parish, and State EDDY COUNTY, NM

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION	
2. Name of Operator LIME ROCK RESOURCES II-A, L.P. E-Mail: mike@pippinllc.com	
3a. Address C/O MIKE PIPPIN FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 505-327-4573
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T18S R27E NESE 1980FSL 990FEL	

**12. CHECK 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"/> Fracture Treat	<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**RECOMPLICATE TO SWD**

On 10/11/14, MI wireline. Broke ceramic disk in pkr @ 6553'. Acidized perfs w/5000 gal 15% HCL & 1000# rock salt.  
Initiated injection on 10/14/14 injection 1026 BW in 24 hours @ 1950 psi.  
A step rate test is planned on 11/3/14.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #271607 verified by the BLM Well Information System For LIME ROCK RESOURCES II-A, L.P., sent to the Carlsbad</b>	
Name (Printed/Typed) MIKE PIPPIN	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 10/17/2014

**THIS SPACE FOR FEDERAL OR STATE**

Approved By	Title
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

**Pending BLM approvals will  
subsequently be reviewed  
and scanned**

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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 reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. NMNM0557371
2. Name of Operator LIME ROCK RESOURCES II-A, L.P. E-Mail: mike@pippinllc.com		6. If Indian, Allottee or Tribe Name
3a. Address C/O MIKE PIPPIN FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-327-4573		8. Well Name and No. CHALK BLUFF FEDERAL SWD 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T18S R27E NESE 1980FSL 990FEL		9. API Well No. 30-015-27163
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
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**RECOMplete TO SWD**

On 9/12/14, MIRUSU. Perfed SWD Wolfcamp Cisco @ 6630'-35', 6704'-10', 6740'-42', 6770'-6810', 6834'-40', 6870'-80', 6955'-7030', 7045'-75', 7090'-7106', 7120'-36', 7194'-7205', 7260'-70', 7347'-52', 7384'-92', 7580'-90' w/2-0.51" spf. Total 500 holes. Set 7" Baker 85FA47 permanent pkr @ 6553'. Ran 4-1/2" 13.5# L-80, Buttress, LTC, internally coated, SWD tbg to pkr @ 6553'. Circ 260 bbls pkr fluid behind SWD tbg. Stung into pkr @ 6553'.

On 9/18/14, ran charted MIT test on 7" csg with Richard Inge with NMOCD as witness. Pressure to 515 psi down to 510 psi in 30 min-OK. Richard Inge took possession of the pressure chart & said it would be scanned into the NMOCD web site. Released rig on 9/18/14. Completed as an SWD well.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #264575 verified by the BLM Well Information System For LIME ROCK RESOURCES II-A, L.P., sent to the Carlsbad</b>	
Name (Printed/Typed) MIKE PIPPIN	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 09/19/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By	Title
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