Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG - 4 2009
OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

RM

ENTERED 8-19-09

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NMNM 048344

1a. Type of Well: [X] Oil Well [ ] Gas [ ] Dry Other
b. Type of Completion: [ ] New [X] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.
Other:

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.:

2 Name of Operator: LIME ROCK RESOURCES A, L.P. c/o Mike Pippin LLC (Agent)

8. Lease Name and Well No: WILLIAMS B FEDERAL #4

3. Address: 3104. N. Sullivan, Farmington, NM 87401

3a. Phone No. (include area code): 505-327-4573

9. API Well No.: 30-015-35141

4 Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface: 2140' FNL & 990' FEL Unit (E) Sec. 29, T17S, R28E

10. Field and Pool, or Exploratory: Artesia, Glorieta-Yeso (96830); Red Lake, San Andres (97253)

At top prod. interval reported below

11. SEC., T., R., M., OR BLOCK AND Survey or Area: E 29 17S 28E

At total depth

12. County or Parish: Eddy

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
12/06/06	12/15/06	[ ] P & A [X] Ready to Prod. 05/30/09	3620' GL

18 Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
3578'	3535'	3299'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Induction & Density Neutron

22. Was well cored? [X] No [ ] Yes (Submit copy)
Was DST run? [X] No [ ] Yes (Submit copy)
Directional Survey? [ ] No [X] Yes (Submit copy)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	28#	0'	456'		400 C		Surface	0'
7-7/8"	5-1/2"	17#	0'	3567'		300 35/65 C + 425 C		Surface	0'

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-7/8"	3077'							

25 Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	San Andres	1825'	3210'	2777'-2984'		43	Open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
2777'-2984'	3202 gal 15% NEFE acid & fraced w/89,900# 16/30 & 34,468# 12/20 sand in 25# X-linked gel

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
READY	05/28/09	3	→	0	0				Pumping
Choke Size	**Tbg. Press. Flwg. PSI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	
			→						

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	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	
			→						

ACCEPTED FOR RECORD
JUL 31 2009
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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.)*

Vent No Measurable Gas

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
San Andres	1825'	3210'	Oil & Gas		Depth
				Queen	1092' ✓
				Grayburg	1550' ✓
				San Andres	1825' ✓
				Glorieta	3210' ✓
				Yeso	3318' ✓

32. Additional remarks (include plugging procedure):

WILLIAMS B FEDERAL #4 -- RECOMPLETE FROM YESO TO SAN ANDRES

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:

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

Name *(please print)* Mike Pippin 505-327-4573 Title Petroleum Engineer (Agent)

Signature Mike Pippin Date June 17, 2009

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.