

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 June 19, 2008

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-35113
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>LIME ROCK RESOURCES A, L.P.</b>		6. State Oil & Gas Lease No.
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401		7. Lease Name or Unit Agreement Name <b>KARLSBAD CORRAL 2 STATE</b>
4. Well Location Unit Letter <u>L</u> : <u>2510</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>2</u> Township <u>25-S</u> Range <u>29-E</u> NMPM Eddy County		8. Well Number <b>#8H</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3018' GL		9. OGRID Number 255333
10. Pool name or Wildcat Corral Canyon Delaware, NW (96464)		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING  MULTIPLE COMPL   
 DOWNHOLE COMMINGLE

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  P AND A   
 CASING/CEMENT JOB

OTHER: Run Liner in Existing Horizontal Lateral

OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Lime Rock would like to workover the existing horizontal producing interval as follows: MIRUSU. TOH w/rods, pump, & tbg. CO to about MD7615' & perf additional holes in the same interval at about MD5736'-39', 5935'-38', 6143'-46', 6341'-43', 6548'-51', 6752'-55', 6949'-51', 7148'-51', 7346'-49', & 7544'-47'. Run a 3-1/2" 9.2# N-80 ultra flush joint liner inside this well's existing 5-1/2" csg inside its horizontal lateral from ~MD5265' to ~MD7540' with about 10 csg pkrs & frac ports. Frac the Delaware sand in 10 stages consisting of about 64,000# sand in x-linked gel per stage. Drill out frac ports & CO to about 7615'. Rerun production equipment & return well to production as a pumping oil well in the Delaware. See attached wellbore diagram.

**RECEIVED**  
 MAY 24 2011  
 NMOCD ARTESIA

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

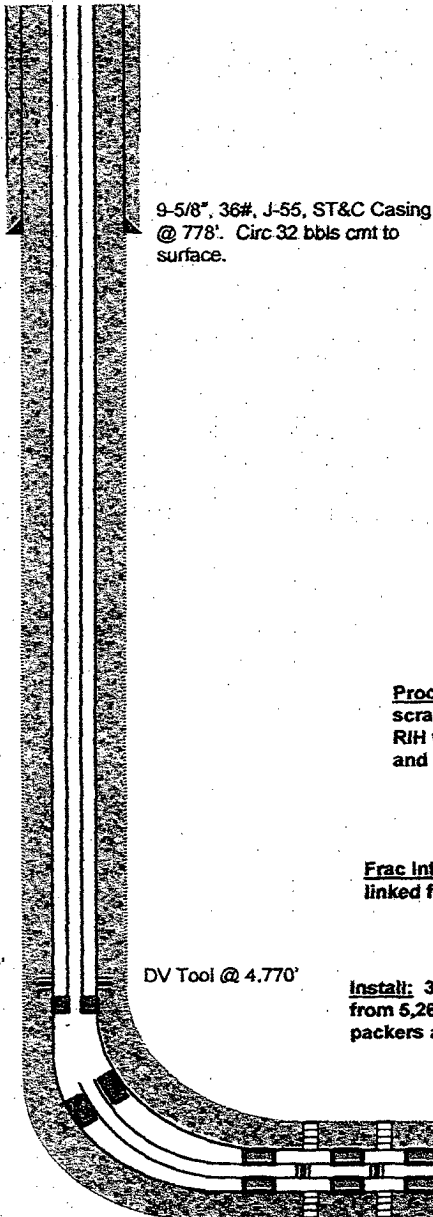
SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 3/30/11

Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

For State Use Only APPROVED BY: David Gray TITLE Field Supervisor DATE 5-31-11

Conditions of Approval (if any):

**SEE ATTACHED  
 CONDITIONS OF  
 APPROVAL** *DS*



9-5/8", 36#, J-55, ST&C Casing @ 778'. Circ 32 bbls cmt to surface.

KOP @ 4,759'

DV Tool @ 4,770'

5-1/2", 17#, P-110 / N-80; LT&C Casing @ 7,702'

Existing Cherry Canyon Perfs: 5,734' (3 spf); 5,933' (4 spf); 6,141' (4 spf); 6,339' (5 spf); 6,545' (5 spf); 6,750' (6 spf); 6,947' (6 spf); 7,146' (6 spf); 7,343' (7 spf) & 7,540' (7 spf) (53 - 0.42" ID Holes)

PBTD @ 7,615'  
MTD @ 7,702'  
(5,274' TVD)

Landed Curve @ 5,489' (5,278' TVD)

Additional Cherry Canyon Perfs: 5,736' - 39"; 5,935' - 38"; 6,143' - 46"; 6,341' - 43"; 6,548' - 51"; 6,752' - 55"; 6,949' - 51"; 7,148' - 51"; 7,346' - 49" & 7,544' - 47" (6 SPF, 180 holes, 0.42" ID Holes)

Elevation: 3,005' GL	
Date Spud: 08/12/07	
Date TD'd: 09/05/07	
Date Completed: 09/27/07	
Zone	Frac
Cherry Canyon	114,492 gals x-linked gel w/ 7,500# 20/40 sand & 200,510# 16/30 Super LC
Cherry Canyon	5,500 gals 15% NEFE acid (pre frac)
<b>Recompletions &amp; Workovers</b>	
Date	
2011	Proposed: 10-stage multi-zone horizontal frac.
<b>Current Status:</b> Producing	
<b>Last Well Test:</b>	

**Procedure:** POOH w/ tbg. Add perfs to existing zone. TIH w/ bit and scraper. RIH and set 3-1/2" frac packer system. Frac well as designed. RIH w/ CT and drill-out sleeves to PBTD. RIH w/ tbg, rods and pump and return to production.

**Frac Information:** 1000 gal 15% NEFE HCl, Frac w/ 30k gal of 20# x-linked fluid + 52,000# of 16/30 Brady + 12,000# of 16/30 RCS (per stage).

**Install:** 3-1/2"; 9.2#; N-80 Ultra Flush Joint; LT&C Liner set from 5,265' to 7,540'. Containing 10 frac sleeves, 10 isolation packers and 1 liner top packer.

**Karlsbad Corral 2 #8-H  
Sec 2-25S-29E (L)  
SHL: 2510' FSL, 660' FWL  
BHL: 351' FNL, 661' FWL  
API#: 30-015-35113  
Eddy County, NM**

**NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
1301 W. GRAND AVENUE  
ARTESIA, NM 88210  
(575)748-1283**

**CONDITIONS OF APPROVAL**

**Lime Rock Resources II-A, L.P.  
Karlsbad Corral 2 State #8H  
30-015-35113**

1. Trucking companies being used to haul oilfield waste to disposal facilities – commercial or private- shall have an approved NMOCD C-133 Permit. A copy of this permit shall be available in each truck used to transport waste products. It is the responsibility of the operator as well as the contractor to verify that this permit is in place. Drivers shall make permit available upon request of an OCD inspector. It is the responsibility of the operator to see to it that waste from their wells is being disposed of in a proper manner.
2. Closed Loop system to be used during this recompletion operation.
3. Submit updated well bore diagram with subsequent report of recompletion.

**DG  
5/31/2011**