

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

WELL API NO. 30-015-37693
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name KERSEY STATE
8. Well Number #5
9. OGRID Number 255333
10. Pool name or Wildcat: (96830) Artesia, Glorieta-Yeso
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3683' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

LIME ROCK RESOURCES A, L.P.

3. Address of Operator

c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401

4. Well Location

Unit Letter I : 2310 feet from the SOUTH line and 890 feet from the EAST line
Section 32 Township 17-S Range 28-E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3683' GL

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 ☐

OTHER: Payadd Workover



SUBSEQUENT REPORT OF:

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

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 perform a payadd workover as follows: MIRUSU. TOH w/rods, pump, & tbg. Set a 5-1/2" RBP @ ~3865' & PT csg & RBP. Perf additional Glorieta/Yeso between ~3540'-3811' w/about 42 holes. (Existing Yeso perfs are 136 holes @ 3875'-4988'). Stimulate new Glorieta/Yeso perfs with ~2,500 gal 15% HCL & frac w/~151,900# 16/30 sand in X-linked gel. CO after frac, retrieve RBP @ 3865', & CO to about 5047'. Land 2-7/8" 6.5# J-55 tbg @ ~4997'. Run pump & rods & release workover rig. Resume production from the Artesia, Glorieta-Yeso pool.

Spud Date: 11/6/10

Drilling Rig Release Date: 11/22/10

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

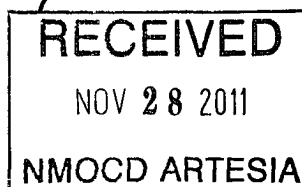
SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 11/25/11

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

For State Use Only

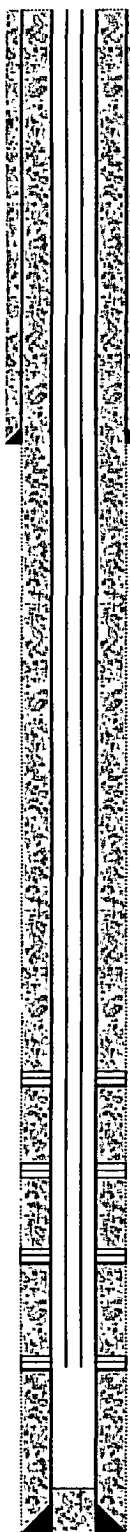
APPROVED BY: T. C. Shepard TITLE Geologist DATE NOV 29 2011

Conditions of Approval (if any):





8-5/8", 24#,
J-55, ST&C
Casing @
458'.
Circulated
157 sx cmt
to surface.
11/8/2010



KERSEY STATE #5 PayAdd CAPWQ : ADD GLORIETA-U YESO PAY AFE Number

Procedure:

1. MIRU PU Pull Rods and Pump. Lower Tubing to determine fill POOH w/ tubing, and if necessary, clean out wellbore to PBTD @ 5047'.
2. MIRU Allied Wireline Run correlation log and send same to Houston for verification Set RBP on eline @ 3865' MD Dump Bail 10' sd on RBP
3. Re-correlate 3-1/8" select fire perf guns on depth confirming correlation with Houston. Add Upper Yeso perforations @ 3594', 3615', 3620', 3623', 3634', 3640', 3643', 3651', 3660', 3665', 3670', 3675', 3683', 3686', 3692', 3711', 3722', 3732', 3746', 3750', and 3755' @ 1 SPF w/ 0.41" EHD-29" minimum penetration charges, then add 2 spf perforations with the same charges at 3764', 3776', 3780', 3788', 3796', 3802', and 3810' MD.
4. Add Glorieta perforations @ 3540', 3547', 3556', 3562', 3573', 3582', and 3590' MD - all 1 spf w/ 0.41" EHD and minimum of 29" penetration RD and release Allied Wireline.
5. MIRU BHI pumps and equipment (note frac tanks should be moved in and filled at start of workover), stimulate Glorieta-Upper Yeso perforations with 2500 gals of 7-1/2% HCL acid and 65 ball sealers Surge ball sealers off perforations Frac Glorieta-Upper Yeso perforations with 80,400 gals of VIKING 2000 x-linked gel, 134100 lbs of 16/30 Brady sand, and 17,800 lbs of 16/30 Siber Prop and flush the frac with 2% KCL to within 2 bbls of the Glorieta top perf Pump the acid breakdown at 15-20 BPM and the frac at 45-55 BPM. Max pressure is 4800 psig. After taking 30 mins of reading following the frac, RD and release Baker.
6. Clean out the wellbore w/ tubing to the RBP. Release the RBP and allow the zones to equalize. TOOH w/ the tubing and RBP. If necessary, clean out the wellbore to PBTD
7. Run tubing, pump and rods above the perms w/ intake at 3500' MD Place on Pump at maximum rate possible with current equipment.

CURRENT ARTIFICIAL LIFT EQUIP

152 JTS 2 7/8 TBG J 55
1 - 2 7/8 M/A W/ TAPPED BULL PLUG @ 4837.20
1 - 2 7/8 X 4 PERF SUB @ 4804.48
1 - 2 7/8 API S/N @ 4800 48
32 - JST 2 7/8 TBG = 1016 80
1 - 2 7/8 X 5 1/2 TAC 40K @ 3783 68
119 - JTS 2 7/8 TBG = 3780 68
1 - 2 1/2 X 1 3/4 X 16 RHAC, PAP, SV #Y-9109
131 - 3/4 D RODS W/ FHSM CPLG
59 - 7/8 D RODS W/ FHSM CPLG
1 - 6' X 7/8 D SUB W/ FHSM CPLG
1 - 2 X 7/8 D SUB W/ FHSM CPLG
1 - 1 1/4 X 22 POLISH ROD W/ 1 1/4 X 1 1/2 X 14' LINER

RECEIVED

NOV 28 2011

NMOCD ARTESIA

Proposed Perfs: 3540'-3755' - 28 holes @
1 spf then 3764-3810 @ 2
spf all 0.41 EHD & 29" pen

Lower Yeso Original Completion

Perfs: 3875'-4158', 42 holes
12/29/2010

STIM INFO: 3486 gals 15% NEFE; fraced w/177,460# 16/30 &
49,690# 20/40 Super LC sand in 25# X-linked gel

Perfs: 4255'-4547', 44 holes
12/30/2010

STIM INFO: 3422 gals 15% NEFE; fraced w/130,390# 16/30 &
38,488# 20/40 Super LC sand in 25# X-linked gel

Perfs: 4599'-4988', 50 holes
12/31/2010

STIM INFO: 4158 gals 15% NEFE; fraced w/153,484# 16/30 &
46,053# 20/40 Super LC sand in 25# X-linked gel

PBTD @ 5,047'

5-1/2"; 17#; J-55; ST&C Casing 5,089'. Circulated cmt
to surface. (11/22/2010)

TD @ 5,106'

**Kersey State #5
Sec 32-17S-28E (I)
2310' FSL, 890' FEL
Elevation - 3,683' GR
API #: 30-015-37693
Eddy County, NM**

GEOLOGY

Zone	Top
Queen	1,218'
Grayburg	
San Andres	1,967'
Glorieta	3,433'
Yeso	3,598'
Tubb	4,915

SURVEYS

Degrees	Depth
1/4°	446'
1/2°	1,007'
1/2°	1,512'
3/4°	2,017'
1°	2,490'
3/4°	2,996'
1°	3,495'
1-1/2°	4,495'