Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-015-32442
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-3627

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.)

7. Lease Name or Unit Agreement Name: ANTELOPE STATE
1. Type of Well: Oil Well ☒ Gas Well ☐ Other
8. Well Number: 6
2. Name of Operator: LEGACY RESERVES OPERATING LP
9. OGRID Number: 240974
3. Address of Operator: P.O. BOX 10848, MIDLAND, TX 79702
10. Pool name or Wildcat: MALJAMAR GB SA
4. Well Location
Unit Letter L : 1600 feet from the SOUTH line and 330 feet from the WEST line
Section 36 Township 17S Range 31E NMPM County EDDY
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3826' RKB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ADD UPPER GRAYBURG PAY & RTP ☒		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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

---SEE ATTACHED PROCEDURE---

ESTIMATED START DATE: 02/20/2013

RECEIVED
JAN 28 2013
NMOCD ARTESIA

Spud Date: Rig Release Date:

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

SIGNATURE Blain Lewis TITLE SENIOR ENGINEER DATE 01/22/2013

Type or print name BLAIN LEWIS E-mail address: blewis@legacylp.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: T C Shepard TITLE Geologist DATE 1/29/2013

Conditions of Approval (if any):
Provide C105 subsequent to workover

PROCEDURE TO ADD UPPER GRAYBURG PAY
Antelope State #6
Maljamar Field
Eddy County, New Mexico

Well Data: KB 13' AGL
5-1/2", 17# casing at 4482' with 900 sx, DV tool at 3619', TOC at surface
Grayburg/San Andres perfs: 3907'-4133', 4218'-4304'
Un-perf'd upper Grayburg pay: 3788'-3803'
Unknown downhole rods and tubing

Volumes: 5-1/2" csg x 3-1/2" tbg annulus = 0.0113 bbls/ft
5-1/2" csg = 0.0232 bbls/ft
3-1/2" tbg = 0.0087 bbls/ft

1) **Day one:** MIRU pulling unit. POH and visually inspect rods and pump in AFE to replace rods if necessary). NU BOP. POH with tubing(in AFE to replace tubing if necessary). Unload 4000' of 3-1/2", 9.3#, N-80, EUE, 8R work string.

2) **Day two:** RIH with 4-3/4" bit, casing scraper and pick up 3-1/2" tubing. RIH to +/- 3900'. POH and lay down casing scraper and bit.

3) MIRU wireline unit. RIH with 3-1/8" slick gun, get on depth with Schlumberger GR/CBL log dated 12/27/02 and perf upper Grayburg with 1 SPF, premium charges from 3788'-3803' (15', 16 holes). POH and RDMO wireline unit.

4) **Day three:** RIH with RBP with ballsealer catcher, packer, SN and 3-1/2" tubing. Set RBP at +/- 3860'. MIRU acid equipment with 2,000 gallons 15% NEFE HCl, 30 - 7/8" RCN 1.3 SG ballsealers and +/- 150 bbls 2% KCl water. Pull one joint, set packer at +/- 3830' and test RBP to 4,000 psig for 5 min. Release packer, pull 4 joints tubing, circulate hole with +/- 80 bbls 2% KCl water and reset packer at +/- 3700'. Test casing annulus to 500 psig for 15 min. and monitor throughout stimulations. RU to 3-1/2" tubing and treat Grayburg perfs 3788'-3803' at 4-6 BPM and 4,000 psig maximum with 2,000 gals (47.6 bbls) 15% NEFE HCl with 30 ballsealers in ten 3-ball groups every +/- 4 bbls acid. Flush to bottom perf with 34.6 bbls 2% KCl water. Report ISIP and 5-10-15 min. SIP's. RDMO acid equipment and prepare to frac.

5) **Day four:** MIRU frac equipment as per upcoming recommendation. NU frac valve and frac down 3-1/2" tubing at 25-30 BPM, 4000 psig maximum. Flush to top perf with 34 bbls 2% KCl water. Report ISIP and 5-10-15 min. SIP's. RDMO frac equipment and leave well SI overnight.

6) **Day five:** Open and flow down to tank. ND frac valve. NU BOP. Release packer and POH laying down work string and packer.

7) RIH with BPMA, perf sub, SN, TAC and production tubing (hydrotest tubing in hole to 6,000 psig) to set bottom of BPMA above perfs at +/- 3750', SN at +/- 3715' and TAC at +/- 3714'. ND BOP. NU wellhead.

8) **Day six:** RIH with 1.25" bore insert pump and rods, seat pump, space out and hang on pumping unit. Load and pressure test tubing. Put well on pump. RDMO pulling unit.

9) Optimize production rate by adjusting SPM or pump size as necessary. After testing new production interval, move PU back on well, clean out sand fill above RBP, recover RBP and commingle all GB/SA perfs. NOTE: Perfs 3907'-4304' will likely add 3-4 BOPD, 10-15 MCFPD and +/- 100 BWPD so will need to design for lifting +/- 150 BPD total fluid when all perfs are commingled.

ESTIMATED COSTS:

Pulling unit – 8 days	
Stimulation services	
Wireline services	
Rental tools	
Contract labor	
4400' rod string	
4400' 2-3/8" tbg	
Misc. equipment	
5% contingencies	
TOTAL	

PREPARED BY: Blain Lewis Date: 01/16/13

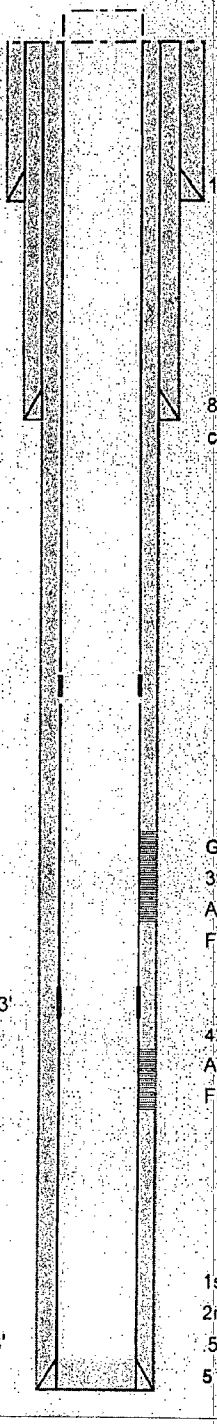
LEGACY RESERVES OPERATING LP

CURRENT WELLBORE DIAGRAM

Lease & Well # Antelope State # 6

SPUD -8/24/02

Elevation - 3813 KB -



13 3/8" 48 # J-55 ST & C @ 826, 450sx 35/65/6, 200 sx CL C, circ 72 sx.

8 5/8" 24# 8rd J-55 STC @ 2207', 800 sx 35/65/6 ,200 sx C, 2% cc
circ 65 sx.

DV tool-3619'

GB/SA
3907-4133 40 holes
Acidized w/2000 gal 15% NEFE
Frac w/85,000 gal lg, 95,080 # sd

Marker jt- 4193'

4218-4304, 40holes
Acidized w/2,000 gal 15% NEFE
Frac w/139,500 gal lg, 185,375 # sd

1st stage: 225 sx 50/50/2 .5% FL25 5# slt, circ 56 sx.
2nd stage: 425 sx 35/65/6 3# slt 1/4# CF, 250 50/50/2 3/3 slt 0
.5% FL25, circ 45 sx.

PBTD - 4468'

5 1/2" 17# J-55 ST&C csg @ 4482'.

LEGACY RESERVES OPERATING LP

PROPOSED WELLBORE DIAGRAM

Lease & Well # Antelope State # 6

SPUD -8/24/02

Elevation - 3813 KB -

13 3/8" 48 # J-55 ST & C @ 826, 450sx 35/65/6, 200 sx CL C, circ 72 sx.

8 5/8" 24# 8rd J-55 STC @ 2207, 800 sx 35/65/6 ,200 sx C, 2% cc
circ 65 sx.

DV tool-3619'

GB 3788'-3803' 16 HOLES
ACIDIZE W/ 2,000 GAL 15% NEFE
FRAC W/ 50,000 # 16/30 SD

GB/SA
3907-4133 40 holes
Acidized w/2000 gal 15% NEFE
Frac w/85,000 gal lg, 95,080 # sd

Marker jt- 4193'

4218-4304, 40holes
Acidized w/2,000 gal 15% NEFE
Frac w/139,500 gal lg, 185,375 # sd

1st stage: 225 sx 50/50/2 .5% FL25 5# slt, circ 56 sx.
2nd stage: 425 sx 35/65/6 3# slt 1/4# CF, 250 50/50/2 3/3 slt 0
.5% FL25, circ 45 sx.
5 1/2" 17# J-55 ST&C csg @ 4482'.

PBTD - 4468'