

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

Form C-103
Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG DOWN TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-41762
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 type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name COOPER JAL UNIT
4. Well Location Unit Letter <u>B</u> : <u>420</u> feet from the <u>NORTH</u> line and <u>1690</u> feet from the <u>EAST</u> line Section <u>24</u> Township <u>24S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number <u>601</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3312' GL		9. OGRID Number 240974
		10. Pool name or Wildcat JALMAT;TAN-YATES-7RVRS/LANGLIE MATTIX;7RVRS-Q-G

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 ☐
CLOSED-LOOP SYSTEM ☒
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: DRILL AND COMPLETE ☒

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----

INSTALLED CLOSED-LOOP SYSTEM WITH STEEL TANKS. HAULED CONTENTS FROM CLOSED-LOOP SYSTEM TO APPROVED NMOCD DISPOSAL LOCATION ACCORDING TO RULE 19.15.17.

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

Laura Pina

TITLE REGULATORY TECH

DATE 11/12/2014

Type or print name LAURA PINA

E-mail address: lpina@legacylp.com

PHONE: 432-689-5200

For State Use Only

APPROVED BY:

Denied

TITLE

DATE

Conditions of Approval (if any):

MAY 19 2015'

ATTACHMENT for NM OCD Form C-103
LEGACY RESERVES
Drilling and Completion Daily Operations Report

COOPER JAL UNIT # 601

LEA Co., NM

API No: 30-025-41762

Drilling

May 22, 2014 Thursday

Present Operations:

Drill 12 1/4 hole

Executive Summary:

Rig up, spud at 1:30 am, drill 12 1/4 hole 40'-303'

May 23, 2014 Friday

Present Operations:

Cement 8 5/8 surface casing

Executive Summary:

Drill 12 1/4 hole 303'-1225' Run 29 JTS 8 5/8 casing ^{2 1/2" ID} and cement with 226 sks circulated to surface. WOC.

May 24, 2014 Saturday

Present Operations:

Drill 7 7/8 hole

Executive Summary:

WOC, set slips, install surface casing well head, drill 7 7/8 hole 1225'-1288'

May 25, 2014 Sunday

Present Operations:

Drilling 7 7/8 hole

Executive Summary:

Drilling 7 7/8 hole 1288'-2142'

May 26, 2014 Monday

Present Operations:

Drilling 7 7/8

Executive Summary:

Drilling 7 7/8 hole 2142-2712'

May 27, 2014 Tuesday

Present Operations:

Drilling 7 7/8 hole

Executive Summary:

Drilling 7 7/8 hole 2712'-3388'

May 28, 2014 Wednesday

Present Operations:

Make short trip

Executive Summary:

Drill 7 7/8 hole 3388-3850 TD, run fluid caliper, make 30 stand short trip

ATTACHMENT for NM OCD Form C-103 – Page 2
Drilling and Completion Daily Operations Report

COOPER JAL UNIT # 601

LEA Co., NM

API No: 30-025-41762

May 29, 2014 Thursday

Present Operations:

Nipple down BOP

Executive Summary:

Run 5 1/2 casing and cement

Extended Comments:

RIH w/Guide shoe, 5 1/2 shoe joint 42.11', Float collar, 20 Joints 5 1/2" 15# J-55 casing, Marker joint 21.00', 69 Joints 5 1/2" 15.5# J-55 casing landed at 3850'. Cement w/lead cement 315 sks 50/50 POZ C at 12.1PPG w/10# Gel, 5% salt, 1/4 pps Cello Flake, 2/10% C-41P, Tail w/505 sks Class C at 14.8 ppg w/3/10% C-15, 3 pps KOL Seal. Plug down at 10:15 PM. WOC.

Completion

Jun 2, 2014 Monday

Rig up Capitan wireline. Run CNL/CCL/CBL/GR from 3706' to Surface. Top cement 330'. Installed frac valve, move in frac tanks, begin filling

Jun 4, 2014 Wednesday

Rig up Capitan wireline and Trican frac services. Perforate 3592-3602', 3613-16', 3641-47', 3652-74', 3690-94' w/2 SPF

Jun 5, 2014 Thursday

Stage ONE, Acidize perms 3592'-3694'. Break formation at 2126#, Acidize w/2500 gal 15% NEFE HCL w/2500# Rock salt in 500 gal/# stages at avg rate 7.6 BPM at avg 1060#, ISP 521#, 5 Min 423#, 10 min 382#, Load 193 BBL. Stage TWO, Set CBP 3560', Perforate 3508-18' w/2 SPF, Break formation at 1188#, acidize w/1000 gal 15% HCL and Frac w/12# X-Linked gel w/1#, 23, 3# 20/40 Ottawa sand and 3# 20/40 Resin coat at avg rate 48.9 BPM at avg 1483#, ISIP996#, 5 min 799#, 10 min 663#, Load 1825 BBL, Sand 100,080#. Stage THREE, Set CBP 3329', Perforate 3279'-3289' W/2 SPF, Break formation at 3550#, Acidize w/1000 gal 15% HCL, Frac w/12# X-Linked gel w/1#, 2#, 3# 20/40 Ottawa and 3# Resin coat at avg rate 50 BPM at avg 1635#, ISIP 933#, 5 min 833#, 10 min 754#, Load 1770 BBL, Sand 101,000#. Stage FOUR, Set CBP 3108', Perforate 3058'-68' w/2 SPF, Break formation 700#, Acidize w/1000 gal 15% HCL, Frac w/12# X-Linked gel w/1#, 2#, 33 20/40 Ottawa and 3# Resin coat at avg rate 57.8 BPM at avg 1696#, ISIP 1099#, 5 min 943#, 10 min 865#, Load 1800 BBL, Sand 100,240#. Set cap plug 2920'. RDMO

Jun 6, 2014 Friday

MIRU Lucky Well Service # 221 SDFWE

Jun 9, 2014 Monday

Open well, no pressure, ND frac valve, NU BOP, tubing delivered/racked/tallied, set reverse unit and pit, RIH w/ 4 3/4" bit, 4 DC's and 86 jnts tbg, tagged 1st plug, RU swivel, drill through, partial returns at pit, drilled 2nd plug, losing circ, pumped 400 bbls, slight circ to pit, drilled 3rd plug, well on vacuum, no circulation, Pull bit above perms, SDFN.

ATTACHMENT for NM OCD Form C-103 – Page 3
Drilling and Completion Daily Operations Report

COOPER JAL UNIT # 601

LEA Co., NM

API No: 30-025-41762

Jun 10, 2014 Tuesday

Open well, no pressure, RIH to plug, RU swivel, no circ to pit, RD swivel, POOH w/ tbg, found 1st jnt above DC's plugged w/ rubber, sand and fiberglass, cleared jnt, checked DC's, partially plugged, cleaned out DC's, RBIH, RU swivel, pumped 600 bbls water, no circulation to pit, RD swivel, pull bit above perfs, secured well, SDFN. Run baler in the a.m.

Jun 11, 2014 Wednesday

Open well, failed to get circulation, RU baler, RIH clean sand off plug, drill through to last plug, drilled and pushed plug to bottom, ran down and tagged @ 3,722', worked baler made no more hole, pull above perfs, SDFN. Run PC pump in a.m.

Jun 12, 2014 Thursday

Finish POOH w/ tbg, laid down bailer, RBIH w/ BP, 4' P.S. 5 1/2" x 2 7/8" TAC, 1 jnts 2 7/8" tbg, tag bar, stator, 3 1/3" x 8' L.S. 90 jnts 2 7/8" J55 tbg, ND BOP, set TAC w/ 14 pnts tension, NU WH, PU RIH w/ 32' rotor, 116-1" KD rods w/ 1 guide per rod, 1 1/4" x 22' P.R. spaced out pump, turned well on, released to prod.

Jun 13, 2014 Friday

Checked well, clean location, RDMO.