

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

WELL API NO. 30-015-41894
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name ANDREW ARNQUIST ESTATE
8. Well Number 5
9. OGRID Number 240974
10. Pool name or Wildcat PENASCO DRAW; SA-YESO (ASSOC)

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  
LEGACY RESERVES OPERATING LP

3. Address of Operator  
PO BOX 10848, MIDLAND, TX 79702

4. Well Location  
Unit Letter A : 990 feet from the NORTH line and 430 feet from the EAST line  
Section 29 Township 18S Range 26E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3426' 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 ☐  
CLOSED-LOOP SYSTEM ☒  
OTHER: ☐

SUBSEQUENT REPORT OF:

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

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.

NM OIL CONSERVATION  
ARTESIA DISTRICT

OCT 24 2014

Spud Date:

Rig Release Date:

RECEIVED

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

SIGNATURE Craig Sparkman TITLE OPERATIONS ENGINEER DATE 10/20/2014

Type or print name CRAIG SPARKMAN E-mail address:  PHONE: 432-689-5200

For State Use Only

APPROVED BY: DR. Dade TITLE Director DATE 10/24/14

Conditions of Approval (if any):

**Legacy Reserves**  
**DAILY OPERATIONS REPORT - (Selected Days)**

**7/1/2014 thru 7/31/2014**

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**Andrew Arnquist Estate # 5**  
Zone: SA-YESO Field: PENASCO DRAW

EDDY Co., NM

BOLO ID: :

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**AFE #**

**Original completion**

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**Jul 7, 2014 Monday (Day 19)**

MIRU Basic well service. SDFN.

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 8, 2014 Tuesday (Day 20)**

TP 100#. CSG 80#. Kill well w/57 BBL brine downcasing and 15 BBL down tubing. Nipple down wellhead. Rig up Baker spoolers and POH w/82 joints 2 7/8 tubing, ESP assembly, Desander and mud joint. Mud joint free frac sand. RIH w/CIBP and set at 2769', load 7" casing w/94 BBL, test CIBP to 1000#. Rig up Capitan wireline, perforate 2697', 2673', 2656', 2630', 2599', 2561', 2512', 2494', 2481', 2462', 2451', 2437', 2428', 2395', 2368' w/3 SPF @ 120 deg. Break formation at 2800#, EST INJ rate into formation at 2 BPM at 1800#, 5 min 1000#.

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 9, 2014 Wednesday (Day 21)**

SICP 50#. Open wellhead, Flowed 2 BBL oil. RIH w/tubing, POH laying down tubing. Install Frac Valve. SDFN.

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 10, 2014 Thursday (Day 22)**

Rig down pulling unit. Prepare for Frac

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 11, 2014 Friday (Day 23)**

Rig up Cudd pumping services to Frac Upper Blinbry perms 2368'-2697'. Acidize w/2800 gal 15% NEFE HCL, Frac w/ FR slick water and 0.10#, 0.25#, 0.50#, 0.75#, 1#, 1.25#, 1.5#, 1.75#, 2# 40/70 mesh Premium Plus sand at avg rate 82.1 BPM at avg 2420#, ISIP 923#, 5 min 922#, 10 min 968#, 15 min 956#, Load 22,375 BBL, Sand pumped 314,100#. NOTES: had to work acid on spot at less than 1 BPM at 4200#. Spotted across formation and let soak for 30 min, formation broke.

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 12, 2014 Saturday (Day 24)**

Rig up Flowback crew. SITP 180#. Flow back 18 BBL 100% water from 10:00 am to 1:00 pm. Well dead 1:00 pm to 3:00 pm. Shut in well release flow back. Shut in for weekend.

**Legacy Reserves**  
**DAILY OPERATIONS REPORT - (Selected Days)**

**7/1/2014 thru 7/31/2014**

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**Andrew Arnquist Estate # 5**

EDDY Co., NM

BOLO ID:

Zone: SA-YESO Field: PENASCO DRAW

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 14, 2014 Monday (Day 25)**

SICP vacuum. MIRU Basic well service. Remove Frac Valve, Install BOP. RIH w/ tubing bailer, picking up 2 7/8 production tubing. Tag Sand at 2731', clean out to CIBP at 2769', 38' fill. POH and SDFN.

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 15, 2014 Tuesday (Day 26)**

SICP slight vacuum. RIH w/ESP as follows 2 joints 2 7/8 J-55 tubing bullplugged at 2382', 7" x 2 7/8 cavins desander, 5.62" 562 KMH 57 HP motor, 2 - 5.62" GSBDB seals, 4" Gas seperator/intake, 4" Flex 10 119 stg pump w/BOH, 2 7/8 seating nipple, 69 Joints 2 7/8 J-55 tubing. Nipple up wellhead. PIP 722#. Well pumped up in 3 minutes, running at 56 htz. Leave well running to battery.

Daily Cost:

Cum. Cost:

AFE Amount:

**Jul 16, 2014 Wednesday (Day 27)**

ESP running. Rig down. Turn well over to production.

Daily Cost:

Cum. Cost:

AFE Amount:



### Andrew Arnquist Estate #5

LOCATION: 990' FNL & 430' FEL, Sec 29, T18S, R26E

#### Current Wellbore Configuration

FIELD: Penasco Draw ; SA-Yeso (ASSOC) GL: 3426'

COUNTY: Eddy

STATE: New Mexico

KB: 3439'

SPUD DATE: 04/13/14

LATEST UPDATE: 09/17/2014

BY: CSPARKMAN

API No: 30-015-41894

