

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such purposes.

5. Lease Serial No.
NMNM048579

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2 **AUG 16 2018**

7. If Unit or CA/Agreement, Name and/or No.
891006455A

8. Well Name and No.
LEA UNIT 30H

9. API Well No.
30-025-40698-00-S1

10. Field and Pool or Exploratory Area
LEA

11. County or Parish, State
LEA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
LEGACY RESERVES OPERATING LP
Contact: D. PATRICK DARDEN, PE
E-Mail: pdarden@legacylp.com

3a. Address
303 W WALL SUITE 1600
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-689-5200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T20S R34E SWSW 170FSL 785FWL

RECEIVED

Carlsbad Field Office
OCD Hobbs

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE THE TYPE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Legacy Reserves wishes to amend the Sundry Notice on the Lea Unit #30H (original approval granted 06/26/18 Electronic Submission #423742 - to recomplete well in the Yates Zone) as follows:

Note: an attempt was made to pump past fish @ 4,492' but was unsuccessful. BLM was notified and advised to send morning report of previous fishing job (attached) from August - November 2014. Amended request as follows:

- Set Class "C" Cement plug fr/4,492'-4,060'. Tag plug (BLM representative to be on location to witness).
- Proceed with Yates Formation Recompletion as outlined below.
- Perf, treat and test Yates zone(s) fr/ ~3,580'-4,010'.
- Put well on production in Yates zone.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #427640 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 07/23/2018 (18PP1480SE)**

Name (Printed/Typed) D. PATRICK DARDEN, PE	Title SR. ENGINEERING ADVISOR
Signature (Electronic Submission)	Date 07/17/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** ZOTA STEVENS
Title PETROLEUM ENGINEER Date 08/09/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as

(Instructions on page 2) **** BLM REVISED ** BLM REVISED**

You are not authorized to transport product from this well until Forms C102, C104, and 3160-4 Completion Report are received and approved by NMOCD

Additional data for EC transaction #427640 that would not fit on the form

32. Additional remarks, continued

See attached well bore diagrams for current and proposed well bore conditions.



LEA UNIT #30H

Current Wellbore Condition

FIELD: Lea (Bone Spring)
 COUNTY: Lea
 STATE: New Mexico

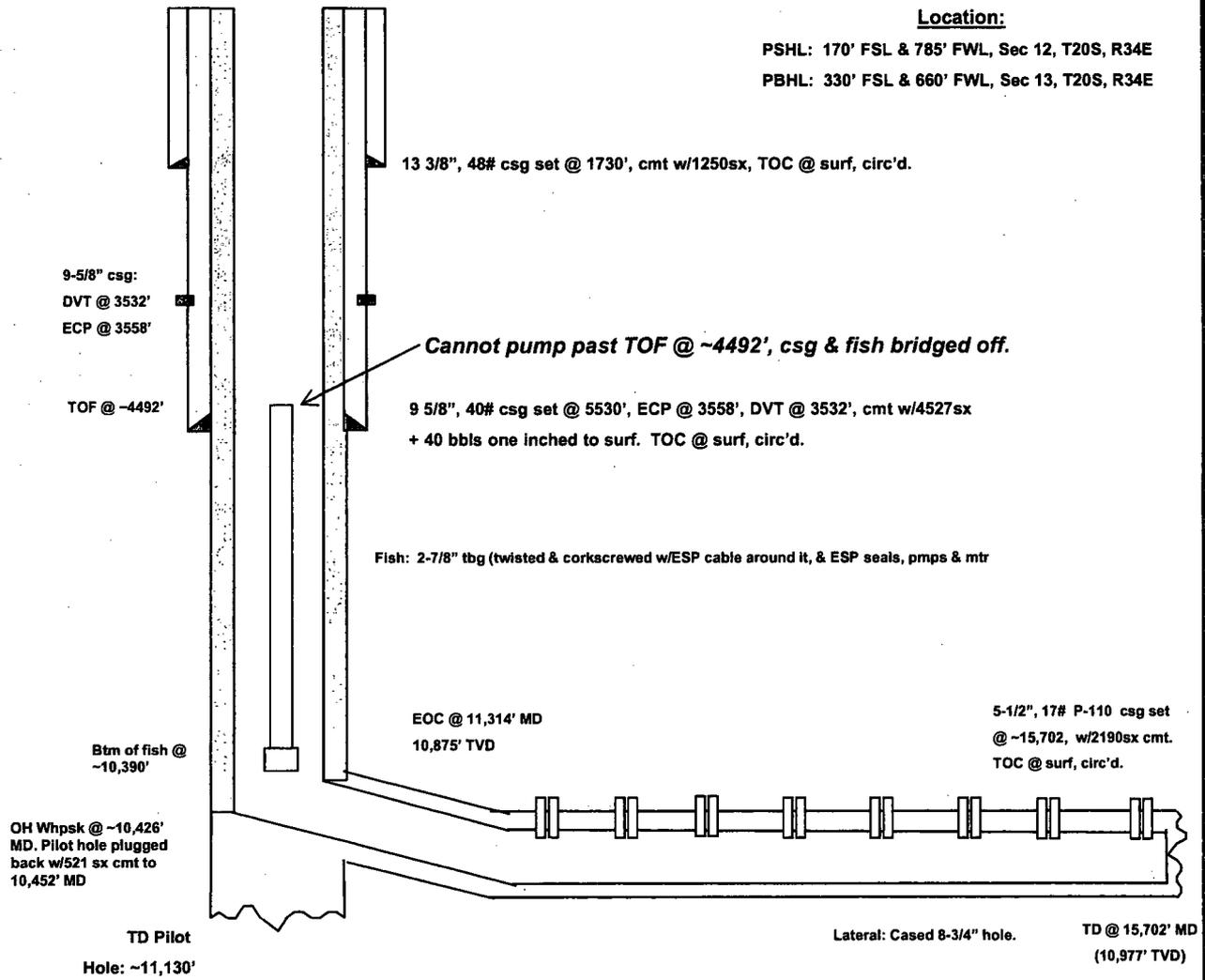
GL: 3650'
 KB: 3676'
 SPUD DATE: 8/13/12

LATEST UPDATE: 7/17/2018
 BY: DP Darden
 API No: 30-025-40698

Location:

PSHL: 170' FSL & 785' FWL, Sec 12, T20S, R34E

PBHL: 330' FSL & 660' FWL, Sec 13, T20S, R34E





LEA UNIT #30H

Proposed Wellbore Condition

FIELD: Lea (Bone Spring)
 COUNTY: Lea
 STATE: New Mexico

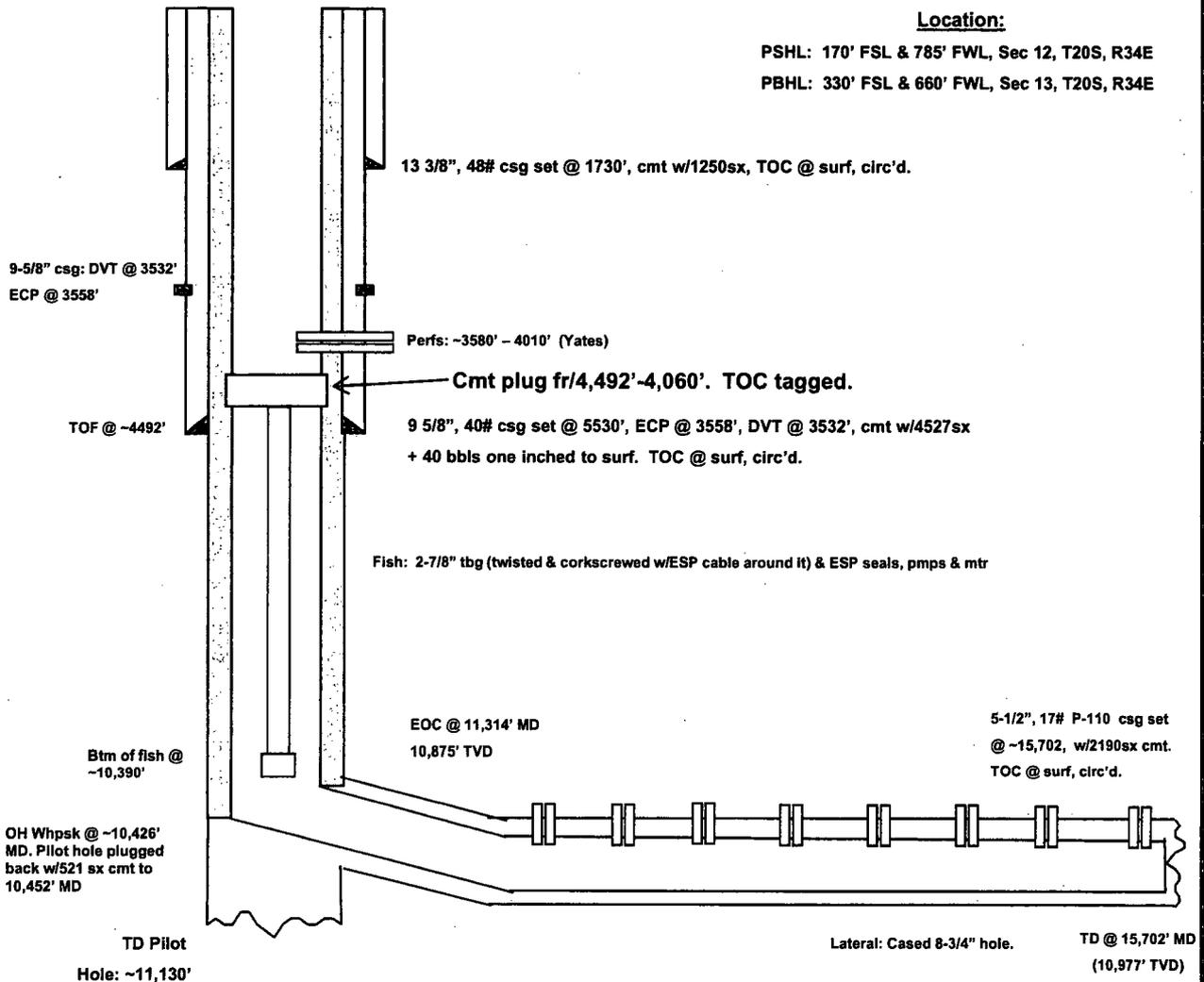
GL: 3650'
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Location:

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PBHL: 330' FSL & 660' FWL, Sec 13, T20S, R34E



Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

AFE # 414053

Tubing parted and casing parted/Run Rod Pump

Aug 20, 2014 Wednesday (Day 1)

MIRU Lucky well service.SDFN.

Daily Cost: \$2,000
Cum. Cost: \$2,000 AFE Cum. Cost: \$2,000
AFE Amount: \$960,000

Aug 21, 2014 Thursday (Day 2)

Pick up on ESP wellhead. Tubing parted 3' below wellhead. Order out 2 7/8 PH-6 work string and fishing equipment. RIH w/4 11/16 overshot picking up 2 7/8 work string. Tag and Latch onto 2 7/8 production tubing at 1421' w/3' in of 47th joint workstring. End of ESP pump at 11,800'. Work tubing, pulling up to 100,000#. No movement. SDFN.

Daily Cost: \$19,200
Cum. Cost: \$21,200 AFE Cum. Cost: \$21,200
AFE Amount: \$960,000

Aug 22, 2014 Friday (Day 3)

Rig up Rotarty wireline. RIH w/1 7/16" freepoint tool, Freepoint tool set down at 2740'. Pipe free at 2740'. POH. RIH w/chemical cutter, would not go below 2740'. RIH w/collar locator, 3' long x 1 7/16', to 11,250' w/tight spots at 3440' - 4950' - 5470'. POH. Hot water casing and tubing. Have pulling unit rigged up on 6 lines. Pull up to 125,000#, no movement. SDFN.

Daily Cost: \$33,800
Cum. Cost: \$55,000 AFE Cum. Cost: \$55,000
AFE Amount: \$960,000

Aug 23, 2014 Saturday (Day 4)

RIH w/ 2 1/8 Jet Cutter, Attempt to cut off tubing at 3440'. Did not cut tubing. RIH w/freepoint tool. Check freepoint tubing is free to 3445'. POH. RIH w/second Jet cutter to 3440', did not cut tubing. RIH w/thrid jet cutter, cut tubing at 3420'. Pull out to top fish, could not work ESP cable through 5 1/2 well head. SDFN.

Daily Cost: \$21,200
Cum. Cost: \$76,200 AFE Cum. Cost: \$76,200
AFE Amount: \$960,000

Aug 24, 2014 Sunday (Day 5)

Remove 5 1/2 wellhead. Found 5 1/2 casing parted, approx 8' from surface. POH w/60 joints and 29' parted joint and 14' cutoff, no bands on cable. Install 9" BOP. SDFN.

Daily Cost: \$15,200
Cum. Cost: \$91,400 AFE Cum. Cost: \$91,400
AFE Amount: \$960,000

Aug 25, 2014 Monday (Day 6)

RIH on annulus 5 1/2 x 9 5/8 casing w/6 rods. Did not tag. POH w/ rods. RIH w/7 3/8 overshot and latch onto 5 1/2 casing at 8'. Rig up rotary wireline. Free point

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

casing, Casing 30% stuck at 445', Collar Free at 405'. Thunder storms in area. SDFN.

Daily Cost:	\$23,400		
Cum. Cost:	\$114,800	AFE Cum. Cost:	\$114,800
AFE Amount:	\$960,000		

Aug 26, 2014 Tuesday (Day 7)

Overshot slipped off. Change out grapple, latch back onto 5 1/2 casing w/overshot. Back off 5 1/2 casing at 405 wireline measurement. POH w/9 joints 5 1/2 casing and 12' parted casing. RIH w/10 joints 5 1/2" 17# P-110 casing. Screw back int casing. SDFN. Accident w/Casing crew, casing hand knock off floor when 36 slip and hit two hands in chest.

Daily Cost:	\$43,400		
Cum. Cost:	\$158,200	AFE Cum. Cost:	\$158,200
AFE Amount:	\$960,000		

Aug 27, 2014 Wednesday (Day 8)

Test 5 1/2 17# P-110 casing to 1500#. Install 5 1/2 casing slips w/60,000#. Install C section wellhead. Test 5000#. Install BOP. RIH and Retrieve RBP at 1000'. POH. Break down all casing Fishing tools. RIH w/ 4 11/16 shoe and picking up 2 7/8 PH-6 tubing to 3300'. SDFN

Daily Cost:	\$19,300		
Cum. Cost:	\$177,500	AFE Cum. Cost:	\$177,500
AFE Amount:	\$960,000		

Aug 28, 2014 Thursday (Day 9)

Finish RIH Picking up 2 7/8 PH-6 workstring and Tag top Fish/tubing at 3786' w/shoe, tubing fell 366' after cutting off at 3420'. Pump 130 BBL 2% KCL to break circulation, Mill 6 Hours. POH, no tubing wear on top bushing. SDFN

Daily Cost:	\$15,900		
Cum. Cost:	\$193,400	AFE Cum. Cost:	\$193,400
AFE Amount:	\$960,000		

Aug 29, 2014 Friday (Day 10)

RIH w/cable spear. POH, no markings on spear. RIH w/shoe to top fish at 3,786', mill two hours, tubing plugged off. POH. Found pieces ESP cable stuck in top bushing. No marks on top bushing, copper wire stuck in cutright cutters.

Daily Cost:	\$14,550		
Cum. Cost:	\$207,950	AFE Cum. Cost:	\$207,950
AFE Amount:	\$960,000		

Sep 2, 2014 Tuesday (Day 11)

RIH w/shoe to 3,786', milled for two hrs, POH, nothing in shoe, marks inside shoe and on top bushing, RIH w/ spear, tagged fish, torquing up, POH nothing on spear, secured well, SDFN.

Daily Cost:	\$14,550		
Cum. Cost:	\$222,500	AFE Cum. Cost:	\$222,500
AFE Amount:	\$960,000		

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Sep 3, 2014 Wednesday (Day 12)

RIH w/4 3/4 overshot w/3 21/32 grapple to top fish 3,786', attempt to latch onto fish. POH. RIH w. 4 11/16 shoe w/cutrite top Bushing to 3800'. Brakes went out on pulling unit. Shut down for repairs.

Daily Cost: \$10,850
Cum. Cost: \$233,350 AFE Cum. Cost: \$233,350
AFE Amount: \$960,000

Sep 4, 2014 Thursday (Day 13)

Change out BOP. Pick up swivel Begin milling at 3,786' to 3,794'. Circulate hole clean. SDFN.

Daily Cost: \$13,300
Cum. Cost: \$246,650 AFE Cum. Cost: \$246,650
AFE Amount: \$960,000

Sep 5, 2014 Friday (Day 14)

Resume milling w/shoe and cutrite cutters in top sub 3,794'-3,802'. Mill stoped cutting. Start out hole, shut down due to heavy rains.

Daily Cost: \$14,650
Cum. Cost: \$261,300 AFE Cum. Cost: \$261,300
AFE Amount: \$960,000

Sep 6, 2014 Saturday (Day 15)

Finish POH. RIH w/4 11/16 shoe, cutrite cutters in top bushing. Tag at 3,802'. mill to 3,808'. SDFN.

Daily Cost: \$14,650
Cum. Cost: \$275,950 AFE Cum. Cost: \$275,950
AFE Amount: \$960,000

Sep 8, 2014 Monday (Day 16)

Continue milling w/ 4 11/16 shoe, tagged @ 3,808' milled to 3,811'. Late start due to mechanical issue on pulling unit.

Daily Cost: \$14,650
Cum. Cost: \$290,600 AFE Cum. Cost: \$290,600
AFE Amount: \$960,000

Sep 9, 2014 Tuesday (Day 17)

Tagged top of fish @ 3,811' continue milling, made 18 inches, PU circ hole clean, laid down swivel, POH w/ tbg to check shoe, marks/scratches on inside of shoe, possibly on top of tbg fish, PU new shoe, RBIH, prepare to cont milling in the a.m. secured well SDFN

Daily Cost: \$14,650
Cum. Cost: \$305,250 AFE Cum. Cost: \$305,250
AFE Amount: \$960,000

Sep 10, 2014 Wednesday (Day 18)

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Continue milling w/ 4 11/16 shoe and top bushing w/cutrite, tag fish @ 3,813' milled to 3,817' circ hole clean, SDFN.

Daily Cost: \$14,650
Cum. Cost: \$319,900 AFE Cum. Cost: \$319,900
AFE Amount: \$960,000

Sep 11, 2014 Thursday (Day 19)

Tagged fish @ 3,817' resumed milling for 5 hrs down to 3,819' POH w/ shoe, changed out top bushing, RBIH to 3,819' milled down to 3,821' circ hole clean, secured well, SDFN.

Daily Cost: \$14,650
Cum. Cost: \$334,550 AFE Cum. Cost: \$334,550
AFE Amount: \$960,000

Sep 12, 2014 Friday (Day 20)

Resume milling, tagged @ 3,821' made 4' to 3,825, shoe plugging up, POH, found chewed up cable in shoe, RBIH w/ new top bushing /shoe, tag @ 3,825, made 1 foot to 3,826', secured well SDFN

Daily Cost: \$14,650
Cum. Cost: \$349,200 AFE Cum. Cost: \$349,200
AFE Amount: \$960,000

Sep 13, 2014 Saturday (Day 21)

Resume milling 3,826', milled to 3,833', circ hole clean, secured well, SD.

Daily Cost: \$14,650
Cum. Cost: \$363,850 AFE Cum. Cost: \$363,850
AFE Amount: \$960,000

Sep 15, 2014 Monday (Day 22)

POH w/ Shoe, changed out Top Bushing/Shoe, RBIH, Tag @ 3,834' milled down to 3,838''secured well, SDFN.

Daily Cost: \$15,177
Cum. Cost: \$379,027 AFE Cum. Cost: \$379,027
AFE Amount: \$960,000

Sep 16, 2014 Tuesday (Day 23)

Tag w/ shoe @ 3,838', milled to 3,840', POH w/ shoe, PU RBIH w/new shoe/top bushing, secured well, SDFN.

Daily Cost: \$15,177
Cum. Cost: \$394,204 AFE Cum. Cost: \$394,204
AFE Amount: \$960,000

Sep 17, 2014 Wednesday (Day 24)

Resume milling 3,840' to 3,848' circulated hole clean SDFN.

Daily Cost: \$15,177
Cum. Cost: \$409,381 AFE Cum. Cost: \$409,381

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

AFE Amount: \$960,000

Sep 18, 2014 Thursday (Day 25)

Resume milling 3,848' for 2 hrs, making no hole, POH w/shoe, RBIH w/ new top bushing and shoe, tag 3,848' milled to 3,852' circ well clean, secured well, SDFN.

Daily Cost: \$15,177

Cum. Cost: \$424,558 AFE Cum. Cost: \$424,558

AFE Amount: \$960,000

Sep 19, 2014 Friday (Day 26)

Resume milling @ 3,852'down to 3,854' stopped making hole, POH w/shoe, RBIH w/new top bushing and shoe, PU swivel, secured well, SDFN.

Daily Cost: \$15,177

Cum. Cost: \$439,735 AFE Cum. Cost: \$439,735

AFE Amount: \$960,000

Sep 20, 2014 Saturday (Day 27)

Pumped 100bbls break circulation, used another 100bbls throughout day. Resume milling from 3854' - 3858'. Mill plugged, POOH w/tubing and BHA. Mill worn down. SDFWE

Daily Cost: \$15,250

Cum. Cost: \$454,985 AFE Cum. Cost: \$454,985

AFE Amount: \$960,000

Sep 22, 2014 Monday (Day 28)

RIH w/4 11/16 full opening overshot. Latch onto 2 7/8 8rd tubing at 3858'. Pull 140K on 2 7/8 parted tubing, working tubing for 1 1/2 hours, no movement. Rig up Rotary wireline. RIH w/1 11/16 freepoint tool and tag at 3868'. Could not work tools through 3868'. POH. RIH w/sinker bar, tag at 3868'. Attempt to work sinker bar through 3868', tools became stuck. work tools loose. POH rig down wireline. Release overshot, lay down one joint. Install subs to space out tubing, latch onto tubing w/overshot. Rig down pulling unit. SDFN

Daily Cost: \$22,550

Cum. Cost: \$477,535 AFE Cum. Cost: \$477,535

AFE Amount: \$960,000

Sep 23, 2014 Tuesday (Day 29)

Rig up Cudd Coil tubing. Electrical unit shorted out in control unit. wait on repairman and parts. Repair coil tubing unit. SDFN.

Daily Cost: \$19,650

Cum. Cost: \$497,185 AFE Cum. Cost: \$497,185

AFE Amount: \$960,000

Sep 24, 2014 Wednesday (Day 30)

RIH w/1.9" mill, motor on coil tubing. Clean out to 4450'. POH. Mill and stator left in hole. Order fishing tools for coil tubing. SDFN.

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Daily Cost:	\$81,850		
Cum. Cost:	\$579,035	AFE Cum. Cost:	\$579,035
AFE Amount:	\$960,000		

Sep 25, 2014 Thursday (Day 31)

while making up Fishing tools that were machined overnight, threads broke off extension. Had also ordered grapple to catch stator. UPS shipped them to California. SDFN. Wait on grapple to be shipped back to Midland.

Daily Cost:	\$10,850		
Cum. Cost:	\$589,885	AFE Cum. Cost:	\$589,885
AFE Amount:	\$960,000		

Sep 26, 2014 Friday (Day 32)

RIH w/ 1.9 overshot on coil tubing, could not get through overshot that is latched onto 2 7/8 tubing. Make second attempt w/1.6" overshot could not work through overshot latched onto tubing. Rig down coil tubing. Rig up pulling unit. SDFN

Daily Cost:	\$24,850		
Cum. Cost:	\$614,735	AFE Cum. Cost:	\$614,735
AFE Amount:	\$960,000		

Sep 27, 2014 Saturday (Day 33)

Rig up Rotary wireline. RIH w/sinkerbars, could not work past 3864'. RIH w/jet cutter to 4300', did not cut tubing, overshot slipped off. POH, change out grapple. RIH, latch onto 2 7/8 tubing. RIH w/ 2 1/8 jet cutter, tag something at 3460', could not work through. POH w/wireline. Release overshot, POH. Found ESP banding material stuck in tubing. Change out grapple. RIH w/overshot latch onto 2 7/8 tubing at 3858'. RIH w/2 1/8 Jet cutter, cut off tubing at 4300', could not work cutter past 4306'. Pull one stand. SDFN

Daily Cost:	\$33,350		
Cum. Cost:	\$648,085	AFE Cum. Cost:	\$648,085
AFE Amount:	\$960,000		

Sep 28, 2014 Sunday (Day 34)

Pull 4 stands, tubing became stuck. work stuck tubing. SDFN.

Daily Cost:	\$12,150		
Cum. Cost:	\$660,235	AFE Cum. Cost:	\$660,235
AFE Amount:	\$960,000		

Sep 29, 2014 Monday (Day 35)

Rig up Rotary wireline. Cut off tubing at 3500' by wireline measurement, cut off above overshot, tubing cutter would not go through overshot. RIH w/overshot, jars, Drill Collars, and 2 7/8 workstring. Tag at 3485', by tubing tally. Latch onto tubing and begin jarring at 3485' for 3 hours no movement.

Daily Cost:	\$29,350		
Cum. Cost:	\$689,585	AFE Cum. Cost:	\$689,585
AFE Amount:	\$960,000		

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Sep 30, 2014 Tuesday (Day 36)

POH w/ overshot and jars, no fish, PU RIH w/ new overshot and jars stopped above fish, SDFN.

Daily Cost:	\$29,350		
Cum. Cost:	\$718,935	AFE Cum. Cost:	\$718,935
AFE Amount:	\$960,000		

Oct 1, 2014 Wednesday (Day 37)

Finish RIH, caught fish, Jar until 3:00 p.m. POH laying down tools, RIH w/ full open overshot to 1,700' SDFN.

Daily Cost:	\$29,350		
Cum. Cost:	\$748,285	AFE Cum. Cost:	\$748,285
AFE Amount:	\$960,000		

Oct 2, 2014 Thursday (Day 38)

Finish RIH w/ overshot, caught fish, RD pulling unit, RU Cudd coil tbg equipment, RIH w/ coil tbg to 3,560' clean up hole, RD Cudd, RU pulling unit, secured well, SDFN,

Daily Cost:	\$56,350		
Cum. Cost:	\$804,635	AFE Cum. Cost:	\$804,635
AFE Amount:	\$960,000		

Oct 3, 2014 Friday (Day 39)

Rig up Rotary wireline, Cutt tubing at 3553' wireline measurement. POH w/ two overshots. RIH w/4 11/16 shoe, 1-joint washpipe, jars, 2-3 1/2 collars and 2 7/8 workstring. Tag top fish at 3544', tubing measurement, 9' difference between wireline and tubing. wash over tubing to 3577', mill 18" on cutoff 2 7/8 8rd tubing. Circulate hole clean. Pull 2 stands. SDFW.

Daily Cost:	\$44,350		
Cum. Cost:	\$848,985	AFE Cum. Cost:	\$848,985
AFE Amount:	\$960,000		

Oct 6, 2014 Monday (Day 40)

killed bees gathered in draw works, POH w/ tbg, add 1 jnt wash pipe, RBIH continue milling 3,577'-3,608' tag fish w/top bushing, circ hole clean, pull 2 stands, SDFN.

Daily Cost:	\$39,350		
Cum. Cost:	\$888,335	AFE Cum. Cost:	\$888,335
AFE Amount:	\$960,000		

Oct 7, 2014 Tuesday (Day 41)

POH w/shoe and wash pipe, RBIH w/ shoe, 4 jnts w.P. jars, 2 DC's, and tbg to 3,544' PU swivel, wash down to 3,669', circulated hole clean, POH, SDFN.

Daily Cost:	\$29,350		
Cum. Cost:	\$917,685	AFE Cum. Cost:	\$917,685
AFE Amount:	\$960,000		

Oct 8, 2014 Wednesday (Day 42)

Legacy Reserves
DAILY OPERATIONS REPORT - (All Days)

8/20/2014 thru 11/20/2014

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

RIH w/ 4 11/16 overshot to 3,544' caught fish, RU Rotary w.L., RIH inside tbg, tagged 3,691', pulled up hole to 3,670', cut off tbg, RD w.L. POH w/ 4 jnts, PU RBIH w/shoe, 1 jnts wash pipe, jars, 2 DC's, and tbg to 3,670', washed over to 3,704', dressed up 1' of tbg, POH w/ work string and tools, secured well, SDFN.

Daily Cost: \$35,350
Cum. Cost: \$953,035 AFE Cum. Cost: \$953,035
AFE Amount: \$960,000

Oct 9, 2014 Thursday (Day 43)

RIH w/ shoe, 3 jnts wash pipe, jars, 2 DC's, on workstring to 3,671' washed over to 3,765', POH, RBIH w/ shoe, 5 jnts wash pipe, jars, 2 DC's 2 jnts tbg, secured well, SDFN.

Daily Cost: \$29,350
Cum. Cost: \$982,385 AFE Cum. Cost: \$982,385
AFE Amount: \$960,000

Oct 10, 2014 Friday (Day 44)

RIH to fish @ 3,671' wash over to 3,826' POH, PU 3 more jnts wash pipe RIH, washed down to 3,918' POH w/ 10 jnts secured well, SDFN.

Daily Cost: \$29,350
Cum. Cost: \$1,011,735 AFE Cum. Cost: \$1,011,735
AFE Amount: \$960,000

Oct 11, 2014 Saturday (Day 45)

Finish POH. RIH w/Overshot and latch onto 2 7/8 tubing. Rig up Cudd coil tubing and clean out tubing to 4047'. POH and rig down coil tubing.

Daily Cost: \$58,350
Cum. Cost: \$1,070,085 AFE Cum. Cost: \$1,070,085
AFE Amount: \$960,000

Oct 12, 2014 Sunday (Day 46)

Rig up Pulling unit. Rig up Rotary wireline. Cut off tubing at 3909'. POH w/6 Joints and 2 cutoff joints. SDFN due to high winds.

Daily Cost: \$31,350
Cum. Cost: \$1,101,435 AFE Cum. Cost: \$1,101,435
AFE Amount: \$960,000

Oct 13, 2014 Monday (Day 47)

RIH w/Shoe and top Bushing, tag at 3905'. Dress off top cut off tubing 1 1/2'. POH. RIH w/shoe, 2 Joints washpipe, jars, drill collars and workstring 3900'. SDFN.

Daily Cost: \$40,150
Cum. Cost: \$1,141,585 AFE Cum. Cost: \$1,141,585
AFE Amount: \$960,000

Oct 14, 2014 Tuesday (Day 48)

Continue milling 3,908' to 3,945', mill worn out, POH, SDFN

Daily Cost: \$40,150

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Cum. Cost:	\$1,181,735	AFE Cum. Cost:	\$1,181,735
AFE Amount:	\$960,000		

Oct 15, 2014 Wednesday (Day 49)

RIH w/new shoe, jars, 3 jnts wash pipe, 2 DC's, on 2 7/8" work string, ran down to 3,908' milled to 3,993' mill worn, pulled 4 jnts, SDFN.

Daily Cost:	\$15,350		
Cum. Cost:	\$1,197,085	AFE Cum. Cost:	\$1,197,085
AFE Amount:	\$960,000		

Oct 16, 2014 Thursday (Day 50)

Finish POH w/ shoe, found 1' of copper wire and cable armour in shoe, PU RIH w/ new shoe, 2 jnts wash pipe, 2 DC's, tbg down to 3,908' washed to 3,993' stopped making hole, POH, nothing in shoe, RBIH w/ same shoe, 1 jnts wash pipe, secured well SDFN.

Daily Cost:	\$15,150		
Cum. Cost:	\$1,212,235	AFE Cum. Cost:	\$1,212,235
AFE Amount:	\$960,000		

Oct 17, 2014 Friday (Day 51)

Finish RIH w/ tbg, PU swivel, milled 3,993'- 4,003' secured well, SDFN.

Daily Cost:	\$25,150		
Cum. Cost:	\$1,237,385	AFE Cum. Cost:	\$1,237,385
AFE Amount:	\$960,000		

Oct 18, 2014 Saturday (Day 52)

POH w/workstring to inspect shoe, still in good shape, nothing in shoe, PU RIH w/wireline grab, tagged fish, sat down on fish w/ 2 pnts, turned w/wrenches, tongs working up and down pulled 3 points, slipped off, POH, spear had gouge mark on one side about 12" long, no cable on spear PU RBIH w/ 4 3/4" Bit, Jars, 2 DC's, and 2 7/8" workstring, RU swivel, worked bit, getting small pieces of cable armour w/ no copper or rubber in returns, made 1 foot of hole, start POH w/ bit, secured well, SDFN.

Daily Cost:	\$25,150		
Cum. Cost:	\$1,262,535	AFE Cum. Cost:	\$1,262,535
AFE Amount:	\$960,000		

Oct 19, 2014 Sunday (Day 53)

Finished POH, laid down drill bit, PU RIH w/ 4 3/4" shoe, Jars, 2 DC's, tbg, ran down to 3,962' continue milling, made 1 foot, POH, PU RIH w/ 4 3/4" overshot, Bumper Sub, Jars, ^ DC's, Booster, tagged and caught fish @ 3,963' POH, recovered 88' of prod tbg packed w/wire, secured well, SDFN.

Daily Cost:	\$45,150		
Cum. Cost:	\$1,307,685	AFE Cum. Cost:	\$1,307,685
AFE Amount:	\$960,000		

Oct 20, 2014 Monday (Day 54)

RIH w/ wireline Grab, Bumper Sub Jars 2 DC's on workstring, tagged fish @ 4,046', worked

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

tool, POH, Recovered 3' piece of ESP cable, PU TIH w/ 4 3/4" Concave Mill, tag fish 4,064' Milled rest of day getting bigger pices of wire in returns, made 1 foot, Pulled tbg above fish SDFN.

Daily Cost: \$25,150
Cum. Cost: \$1,332,835 AFE Cum. Cost: \$1,332,835
AFE Amount: \$960,000

Oct 21, 2014 Tuesday (Day 55)

Finish POH w/ tbg/tools, PU RIH w/ 4 3/4" Bit, Jars, DC's on workstring, tagged fish 4,064' drilled 1 1/2 hrs, jars plugged, POH, PU RIH w/ Wireline Auger, Jars, 6 DC's, Booster on workstring, tagged at 4,064' fell through wire, well went on vacuum, Start POH 10 to 15 points over, Pull to collars SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,358,785 AFE Cum. Cost: \$1,358,785
AFE Amount: \$960,000

Oct 22, 2014 Wednesday (Day 56)

Finish POH w/wire Auger, recovered approx 15' of ESP cable, RBIH w/ Auger, tagged @ 4,670' worked auger, caught wire, POH, recovered aother 15' of ESP cable, well started releasing some gas, killed well, RBIH w/Auger tagged @ 4,680' worked tool, POH, another 15' of ESP cable recovered, start RBIH w/ Auger, secured well, SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,384,735 AFE Cum. Cost: \$1,384,735
AFE Amount: \$960,000

Oct 23, 2014 Thursday (Day 57)

Finished RIH w/Auger, tagged @ 4,148' caught wire, POH, recovered 35' ESP cable, RBIH w/Auger, tagged @ 4,200' caught wire, POH recovered 15' ESP cable, well started flowing gas, RIH open ended, circulated 90 bbls brine water, SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,410,685 AFE Cum. Cost: \$1,410,685
AFE Amount: \$960,000

Oct 24, 2014 Friday (Day 58)

POH w/tbg, PU RIH w/Auger, Jars, 2 DC's and tbg, tagged @ 4,209' Caught wire @ 4,220' POH recovered 40' of ESP cable, RBIH w/same tools to 4,220' Caught wire @ 4,249' POH, Pumped 30 bbls brine to kill well, recovered 25' of ESP cable, RBIH w/same tools on 60 jnts workstring, stopped above fish, secured well, SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,436,635 AFE Cum. Cost: \$1,436,635
AFE Amount: \$960,000

Oct 25, 2014 Saturday (Day 59)

SIP 70#. Kill well w/30bbls 10# brine. RIH w/Additional 77jnts tubing & tag @ 4269', not taking wght or torquing up, pick up Jnt #138, RIH and tag 7' high on jnt @ 4293'. Tubing rotating smoothly, not making any hole or seeing any torque. RD tubing swivel, pump 40bbls 10# brine to kill well. POOH w/tbg and BHA. Retrieved about 20' ESP cable.

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

RIH tag at 4239', made 12' hole. POOH & retrieve about 10' ESP cable. RIH to 4305' work tool, TOOH & retrieve about 5' of ESP cable. TIH w/10stds w/same BHA.

SDFWE

Daily Cost: \$25,950
Cum. Cost: \$1,462,585 AFE Cum. Cost: \$1,462,585
AFE Amount: \$960,000

Oct 27, 2014 Monday (Day 60)

Finish RIH w/ auger, tagged and worked @ 4,305' POH, recovered 6' of ESP cable, RBIH w/same tools, tag 4,305', worked auger, POH no wire recovered, secured well, SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,488,535 AFE Cum. Cost: \$1,488,535
AFE Amount: \$960,000

Oct 28, 2014 Tuesday (Day 61)

RIH w/4 3/4 Shoe, 4 joints washpipe, jars, drill collars. Tag at 4305'. Mill from 10:00am to 6:00pm. Made total 2', getting back cable in returns. Circulate hole clean. SDFN.

Daily Cost: \$35,950
Cum. Cost: \$1,524,485 AFE Cum. Cost: \$1,524,485
AFE Amount: \$960,000

Oct 29, 2014 Wednesday (Day 62)

Resume Milling 4307' to 4321'. Made 14'. Getting back cable in returns. Circulate hole clean. SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,550,435 AFE Cum. Cost: \$1,550,435
AFE Amount: \$960,000

Oct 30, 2014 Thursday (Day 63)

Resume miling. Mill 4321' to 4324'. Plug off shoe. POH. Large ball copper wire plugging top sub. RIH w/new shoe. Mill from 4234' to 4337'. Made 16'. Total 32'. Circulate hole clean. Pull 2 joints. SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,576,385 AFE Cum. Cost: \$1,576,385
AFE Amount: \$960,000

Oct 31, 2014 Friday (Day 64)

Shoe plugged off. POH. Had 14' 2 3/8 tubing w/ Cudd coil tubing tool stuck inside the 14' of tubing. RIH w/4 11/16 shoe w/cutright top bushing, jars and 2 drill collars. Tag at 4326'. Mill 2' to 4328'. Circulate clean pull one joint. SDFN.

Daily Cost: \$26,950
Cum. Cost: \$1,603,335 AFE Cum. Cost: \$1,603,335
AFE Amount: \$960,000

Nov 1, 2014 Saturday (Day 65)

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Resume milling. Mill 4328' to 4330'. POH to check mill. Mill worn out. RIH w/new top bushing, jars 2 drill collars to 4325'. SDFN.

Daily Cost: \$26,650
Cum. Cost: \$1,629,985 AFE Cum. Cost: \$1,629,985
AFE Amount: \$960,000

Nov 2, 2014 Sunday (Day 66)

Continue milling 4,332' to 4,337' POH, found thin pieces of tbg in mill, no wire, PU RBIH w/ new mill, secured well, SDFN.

Daily Cost: \$25,950
Cum. Cost: \$1,655,935 AFE Cum. Cost: \$1,655,935
AFE Amount: \$960,000

Nov 3, 2014 Monday (Day 67)

Finish RIH w/BHA, Milled 4,337'-4,341', POH, RBIH w/ 2 jnts wash pipee new top bushing, jars, 2 DC's, tbg, secured well, SDFN.

Daily Cost: \$15,950
Cum. Cost: \$1,671,885 AFE Cum. Cost: \$1,671,885
AFE Amount: \$960,000

Nov 4, 2014 Tuesday (Day 68)

Finish RIH w/mill, tagged @ 4,337', milled to 4,382', stopped making hole, Pull mill above fish, SDFN

Daily Cost: \$15,950
Cum. Cost: \$1,687,835 AFE Cum. Cost: \$1,687,835
AFE Amount: \$960,000

Nov 5, 2014 Wednesday (Day 69)

POH w/mill, recovered 42' of prod tbg, w/ESP cable wrapped around it, RBIH w/ new shoe and same BHA, tagged @ 4,382' milled to 4,418' made 36' Plugged off, laid down swivel, SDFN.

Daily Cost: \$15,950
Cum. Cost: \$1,703,785 AFE Cum. Cost: \$1,703,785
AFE Amount: \$960,000

Nov 6, 2014 Thursday (Day 70)

Finish POH, nothing in shoe, RBIH w/same BHA, tagged fish 4,382' milled to 4,418', tools plugged, stuck, worked free, POH, nothing in shoe, RBIH w/ same BHA, SDFN.

Daily Cost: \$15,950
Cum. Cost: \$1,719,735 AFE Cum. Cost: \$1,719,735
AFE Amount: \$960,000

Nov 7, 2014 Friday (Day 71)

Finished RIH, tagged fish @ 4,382' milled to 4,386' POH, nothing in shoe, RBIH w/ shoe, 2 wash pipe, jars, 2 DC's, 20 jnts for kill string, SDFN.

Daily Cost: \$15,950

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Cum. Cost:	\$1,735,685	AFE Cum. Cost:	\$1,735,685
AFE Amount:	\$960,000		

Nov 8, 2014 Saturday (Day 72)

Open well, no pressure, Finish RIH w/ mill, tagged @ 4,387' milled to 4,450' mill plugged, pulled 30', stuck on collar, worked for 1hr, freed, Pull above fish, SD

Daily Cost:	\$15,950		
Cum. Cost:	\$1,751,635	AFE Cum. Cost:	\$1,751,635
AFE Amount:	\$960,000		

Nov 10, 2014 Monday (Day 73)

Resume milling, tagged fish @ 4,417' mill to 4,460', Plugged off, Pull above fish, SDFN

Daily Cost:	\$15,950		
Cum. Cost:	\$1,767,585	AFE Cum. Cost:	\$1,767,585
AFE Amount:	\$960,000		

Nov 11, 2014 Tuesday (Day 74)

Finish POH w/shoe, found ball of copper wire plugging shoe, PU RIH w/wire auger jars,2 DC's, on workstring, tagged fish @ 4,387', work auger, POH, nothing on auger, RIH w/ new shoe, 4 jnts wash pipe, jars,2 DC's, 40 jnts work string, SDFN.

Daily Cost:	\$17,750		
Cum. Cost:	\$1,785,335	AFE Cum. Cost:	\$1,785,335
AFE Amount:	\$960,000		

Nov 12, 2014 Wednesday (Day 75)

Open well, no pressure, Finish RIH w/ tools, tag fish @ 4,387' milled to 4,474', Pull above fish, circulate hole clean, SDFN.

Daily Cost:	\$17,750		
Cum. Cost:	\$1,803,085	AFE Cum. Cost:	\$1,803,085
AFE Amount:	\$960,000		

Nov 13, 2014 Thursday (Day 76)

Open well, no pressure, resume milling 4,474' to 4,480', shoe plugged, POH, nothing in shoe, RBIH w/same BHA to 4,387', SDFN.

Daily Cost:	\$17,750		
Cum. Cost:	\$1,820,835	AFE Cum. Cost:	\$1,820,835
AFE Amount:	\$960,000		

Nov 14, 2014 Friday (Day 77)

Resume milling 4,480' to 4,492', Pull above fish, SDFWE.

Daily Cost:	\$17,250		
Cum. Cost:	\$1,838,085	AFE Cum. Cost:	\$1,838,085
AFE Amount:	\$960,000		

Nov 17, 2014 Monday (Day 78)

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Lea Unit # 30H

LEA Co., NM

BOLO ID: 300033.05.30

Zone:

Open well, No pressure, tbg and csg on vacuum, RU pump truck on tbg, after 34 bbls pumped, pressured up, pumped 50 more bbls, went on vacuum, laid down swivel, started POH w/work string laying down, secured well, SDFN.

Daily Cost: \$14,950
Cum. Cost: \$1,853,035 AFE Cum. Cost: \$1,853,035
AFE Amount: \$960,000

Nov 18, 2014 Tuesday (Day 79)

Finish laying down work string/tools, changed rams in BOP, trucks hauled off work string, 135 jnts of new 2 3/8" prod tbg delivered/racked/tallied (4,226.86') SD.

Daily Cost: \$10,450
Cum. Cost: \$1,863,485 AFE Cum. Cost: \$1,863,485
AFE Amount: \$960,000

Nov 19, 2014 Wednesday (Day 80)

PU RIH w/ 134 jnts (4,194.39') 2 3/8" J55 tbg, 2 3/8" API SN @ 4,195.49' slotted SN, TAC @ 4,201.29' x over, 3" BP slotted MJ EOT @ 4,229.14, ND BOP, set TAC, NUWH, prepare to run rods in the morning. Secured well, SDFN.

Note: 166-3/4 HD rods and 2-1 1/4" kbars w/ coupling delivered.

Daily Cost: \$36,389
Cum. Cost: \$1,899,874 AFE Cum. Cost: \$1,899,874
AFE Amount: \$960,000

Nov 20, 2014 Thursday (Day 81)

Open well, no pressure, PU RIH w/ pump, 2-1 1/4" sinker bars, 163-3/4" HD rods, 4,6,8' subs, 22' polished rodw/14' liner, seated and spaced out pump, load/test tbg w/ 12 bbls water, tbg pressured to 500#, held, pump pressured up good, released to production dept. Released rental equipment.

Daily Cost: \$17,450
Cum. Cost: \$1,917,324 AFE Cum. Cost: \$1,917,324
AFE Amount: \$960,000