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

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

HOBBS OCD
OCT 11 2011
RECEIVED

Form C-103
May 27, 2004

WELL API NO. 30-025-10473

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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
LANGLIE MATTIX PENROSE SAND UNIT

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

8. Well Number 192

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
Langlie Mattix; 7 Rvrs-Qn-Grayburg

4. Well Location
Unit Letter P : 660 feet from the SOUTH line and 990 feet from the EAST line.
Section 27 Township T22S Range R37E NMPM LEA County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: mil Below-Grade Tank: Volume _____ bbls; Construction Material

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	☐		
OTHER:	☐			OTHER Install 4-1/2" Liner, Perforate, Stimulate, MIT & RTI	☒		

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.

09/08/11 - Install and cement 4-1/2" flush joint liner from 0'-3672', re-perforate from 3540'-3648', acidize and frac stimulate,and return to injection. (SEE ATTACHED PROCEDURE)

10/4/11 – MIRU kill truck & recording chart. Pressure casing to 580#, held for 30 mins. Chart attached. RDMO kill truck. OCD notified, but did not witness.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

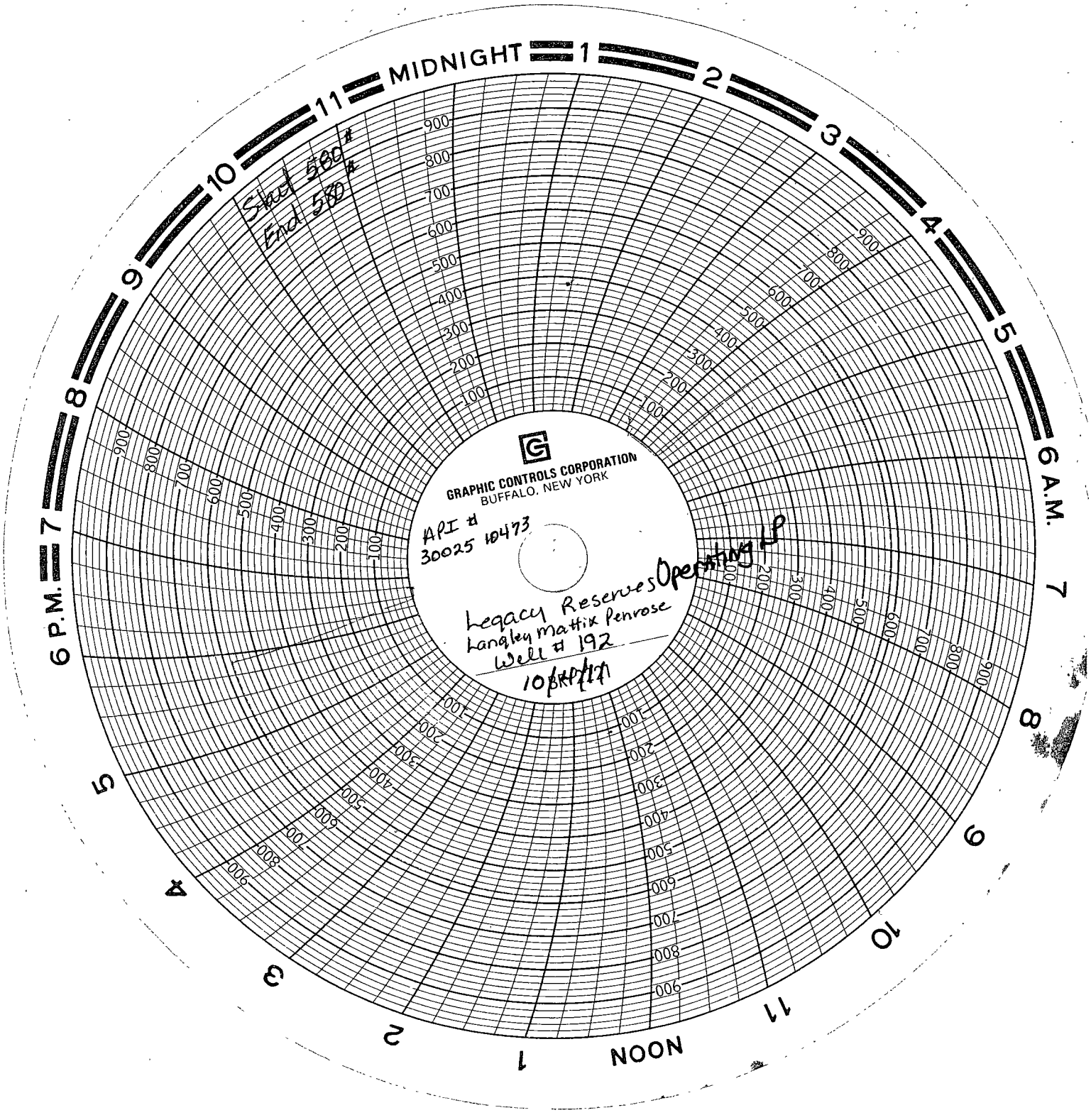
SIGNATURE Berry Johnson TITLE: Production Superintendent DATE: 10/07/11

Type or print name Berry Johnson E-mail address: Telephone No. (432) 689-5200

For State Use Only

APPROVED BY: _____ TITLE STAFF MGR DATE 10-12-2011
OCT 13 2011

Conditions of Approval (if any):


MIDNIGHT
NOON
6 A.M.
6 P.M.
Start 560 #
End 580 #
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
API #
30025 10473
Legacy Reserves Operating LP
Langley Mattix Penrose
Well # 192
10/8/17

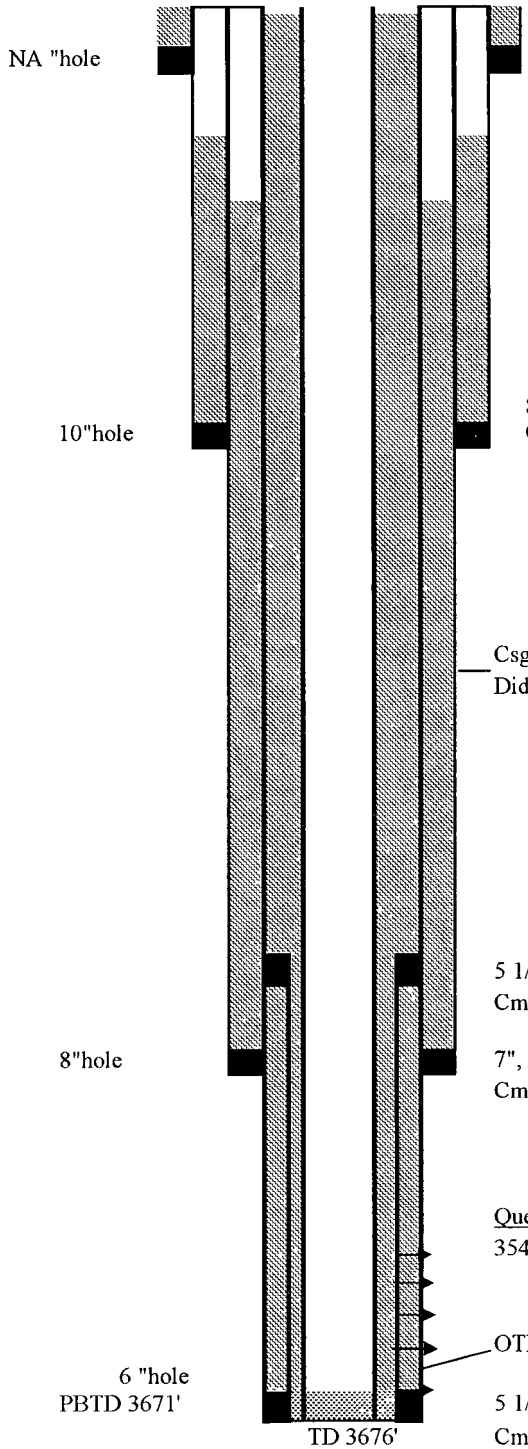
10-4-11
Victory Ser
Alex Lopez
KT-76

LMPSU 192
1000 # Spring
60 min clock
Sr # CLP 81451

Legacy Reserve
Unit P
S-27 T22S R37E
LMPSU #192

WELLBORE SCHEMATIC

Well Name & No.:	**Langlie Mattix Penrose Sand Unit # 192**				
Field:	**Langlie Mattix (7Rivers/Queen/Grayburg)**				
Location:	**660' FSL x 990' FEL, Sec. 27, Unit Letter P, T-22-S, R-37-E**				
County:	**Lea**	**State:**	**NM**	**API #:**	**30-025-10473**
GR Elev:	**3322.0**			**Spud Date:**	**06/14/38**
KB:	**NA**			**Original Operator:**	**Lem Peters**
GR Elev:	**NA**			**Original Well Name:**	**Laura J. May #2**



15 1/2", NA # @ 125'
Cmt'd w/ 75 sxs. Circ to surface.

TOC-NA

TOC-NA

8 5/8" 24#, J-55, ST&C @ 1164'
Cmt'd w/ 100 sxs Cl "C". TOC-NA

Csg Leak - 2282'-2311'
Did not sqz or repair. Ran 7" pkr to 3293' and SI well.

5 1/2" 15 5# J-55 Liner Top @ 3248'
Cmt Sqz Liner top w/ 300 sxs.

7", 22#, J-55, LT&C @ 3347'
Cmt'd w/ 150 sxs Cl "C. TOC-NA

Queen-Penrose Sand
3540'-3638' (2 SPF, 92 holes)

OTD 3650' (Deepen 10/64 to 3669')

5 1/2" 15 5# J-55 Liner 3248'-3669' (421' Liner)
Cmt w/ 425 sxs.
4 1/2" 11.6# J-55 FJ Liner 0-3672'
Cmt w/ 179 sxs. TOC @ 5' per temp survey

Legacy Reserves

DAILY OPERATIONS REPORT

LMPSU # 192

LMPSU # 192 Lea Co., NM BOLO ID: 300029.19.02

Zone: 1 Field: Langlie Mattix

AFE # 411043 - $215,000.00

Install and cement 4 1/2" flush joint liner from 0'-3672' re-perforate from 3540'-3648' acidize and frac stimulate and return to injection

Sep 8, 2011 Thursday (Day 1)

MIRU Viva pulling unit. Pull out 1 joint, nipple up BOP, run in the hole with 4 3/4" bit 6 collars on 2 3/8" work string. Tagged at 3248'. Pulled 3 stands. SDFN.

Daily Cost: $19,700
Cum. Cost: $19,700

Sep 9, 2011 Friday (Day 2)

Ran in the hole with 3 stands, tagged at 3248'. Pick up power swivel, broke circulation with 90 BBLS. Drilled for 30 min.,did not make any hole. Pulled out of the hole with tubing, collars and bit. Run in the hole with the tubing open ended. Tagged at 3248', but were able to get through the liner top. Pull out of the hole with the tubing, pick up the 4.80" tapered mill. Ran in the hole to 3364' did not tag the liner top. Pull out of the hole with the mill, lay down the mill and picked up a new 4 3/4" bit and ran in the hole to 3000'. SDFN.

Daily Cost: $11,200
Cum. Cost: $30,900

Sep 10, 2011 Saturday (Day 3)

Ran back in the hole to 3642', broke circulation and cleaned out to 3668'. Drilled for 2 hours did not make any hole. Pulled out of the hole, the bit had some wear on the outside edge of the bit. Pick up a 4 3/4" cone buster milland ran in the hole to 3000'. SDFN.

Daily Cost: $11,600
Cum. Cost: $42,500

Sep 12, 2011 Monday (Day 4)

Ran back down the hole tagged fill at 3662'. Broke circulation at 70 BBLS gone, clean out down to 3671' and milled for 8 hours down to 3672'. Circulated for 2 hours, lay down the swivel. The tubing was stuck, but we were able to get it loose, and pulled out of the hole. SDFN.

Daily Cost: $9,000
Cum. Cost: $51,500

Sep 13, 2011 Tuesday (Day 5)

Ran in the hole with a new 4 3/4" cone buster mill, tagged at 3531'. Started pumping reverse, got circulation after 50 BBLS. Washed through the spot at 3531' and lost circulation. Sarted pumping conventional, broke circulation after 50 BBLS. Washed down to 3665' tagged soft fill, continued washing down to 3672' were we stoped milling on Monday. Milled on hard fill down to 3673' getting back slightly more fill and some larger pieces of ruber. Circulated for 2 hours and pulled up the hole into the 7" casing. SDFN.

Daily Cost: $10,930
Cum. Cost: $62,430

Sep 14, 2011 Wednesday (Day 6)

Ran back in the hole to 3670', washed soft fill down to 3673'. Start milling on hard fill, made @ 18" until the mill stoped making hole. Circulated for 2 hours, lay down swivel and pull out of the hole to look at the mill. SDFN.

Daily Cost: $9,550
Cum. Cost: $71,980

LMPSU # 192 Lea Co., NM BOLO ID: 300029.19.02

Zone: 1 Field: Langlie Mattix

Sep 15, 2011 Thursday (Day 7)

Run in the hole with 4 3/4" Terminator mill, tagged at 3546' milled for 30 min. and fell through. Tagged again at 3634' milled for 30 min. and continued down the hole to 3669'. Milled for 3 hours and made 3'. Pull out of the hole and lay down the mill. Pick up the 4 3/4" bit and ran down the hole to 3672', cleaned out down to 3674' and started drilling hard fill. Drilled for 3 hours and made 2' Circulate for 45 min. and pull up the hole into the 7" casing. SDFN

Daily Cost: $16,450
Cum. Cost: $88,430

Sep 16, 2011 Friday (Day 8)

Pull out of the hole with the tubing and collars, nipple down the BOP and run a 7" RBP to allow the welder to weld a new 7" bell nipple on the 7" casing. Install the new 7" x 4 1/2" well head and nipple up the BOP. Release the RBP and pull out of the hole. Ran the new 4 1/2" 11.6# liner in the hole to 3672' land the casing in the slips. The short joint is at +- 3387'. MIRU B-J cementers pumped 65 BBLS of fresh water to establish circulation, pumped 180 sx Class C, 65 BBLS cement. The cement did not circulate to surface RDMO B-J. MIRU Capitan and ran a temperature survey, found the top of cement 5' from surface. RDMO Capitan. SDFN.

Daily Cost: $118,400
Cum. Cost: $206,830

Sep 19, 2011 Monday (Day 9)

Cut off the 4 1/2" casing and weld on a bell nipple. Install new 4 1/2" x 2 3/8" well head, nipple up BOP and run in the hole with 3 3/4" bit and collars. Tagged the pump down plug at 3624', drilled out the plug and cement down to the shoe at 3671'. Pull out of the hole with tubing collars and bit, lay down the collars and the swivel. RDMO reverse unit. MIRU Capitan wireline log GR/CNL/CCL the 4 1/2" from PBTD - surface. RDMO Capitan wireline.

Daily Cost: $16,750
Cum. Cost: $223,580

Sep 20, 2011 Tuesday (Day 10)

Ran in the hole with tubing open ended and circulate 85 BBLS. Pull out of the hole. MIRU Capitan wireline and perforate from 3540'-3648' Total 92 Holes. RDMO Capitan. SDFN.

Daily Cost: $10,650
Cum. Cost: $234,230

Sep 21, 2011 Wednesday (Day 11)

Ran in the hole with a 4 1/2" packer to 3659' and spotted 2 BBLS 15% acid Pulled the packer up the hole to 3433' set the packer and tested the anulus to 500#. Pumped the acid job as follows: started on fresh water the perfs broke at 2700#, established injection rate 5 BBLS per min. at 2520#, pumped 1650 gallons of acid with 150 ball sealers. Acid on form at 6.3 BBLS per min at 3460#, 20 balls on psi 2900#, 40 balls on psi 2500#, 60 balls on psi 2510#, 80 balls on psi 3430#, 100 balls on psi 3400#, 120 balls on psi 4650#. When the ball out happened the tubing jumped up and allowed the pressure to increase on the back side to 2000#. We lowered the pressure on the casing to 200# and finnished pumping the rest of the job. ISIP 520#, max psi 4620, min psi 2100, max rate 6.3 bpm, min rate 2.0 bpm. Rleased the packer and reversed 40 BBLS to clear any acid out of the anulus. Reset the packer and shut the well in. SDFN.

Daily Cost: $13,050
Cum. Cost: $247,280

Sep 22, 2011 Thursday (Day 12)

Release the packer and pull out of the hole with the workstring and packer laying down the tubing. Nipple down the BOP, nipple up the frack valve. RDMO Viva pulling unit, move the work string and tubing racks off of location. Set the frack tanks and fill the tanks with fresh water. SDFN.

Daily Cost: $10,950
Cum. Cost: $258,230

LMPSU # 192 Lea Co., NM BOLO ID: 300029.19.02

Zone: 1 Field: Langlie Mattix

Sep 23, 2011 Friday (Day 13)

Nipple up goat head, and frack valve. SDFN.

Daily Cost: $4,900
Cum. Cost: $263,130

Sep 26, 2011 Monday (Day 14)

Rig up Baker Hughes Pumping Services. Frac perfs 3540'-3648' w/ 30# X-linked gel w/ 1/2#, 1#, 2#, 3#, 4#, 5# 20/40 Brown Sand and 5# 20/40 Super LC sand at avg Rate 41 BPM at avg 1900#. ISIP 1256#, 5 min 924#, 10 min 818#, 15 min 664#. Load to recover 319 BBL. Sand pumped 25,080# 20/40 Brown 6,360# 20/40 Super LC. Rig down Frac crew. Rig up pulling unit. Well on Vacuum. Remove Frac Valve. Install BOP.

Daily Cost: $69,400
Cum. Cost: $332,530

Sep 27, 2011 Tuesday (Day 15)

Ran in the hole with a 2 3/8" notched collar, bailor and 2 3/8" workstring. Tagged sand at 3150' and cleaned out to 3478'. Pull out of the hole to dump the cavity. SDFN.

Daily Cost: $9,450
Cum. Cost: $341,980

Sep 28, 2011 Wednesday (Day 16)

Ran in the hole with 2 3/8" notched collar bailor and 2 3/8" workstring. Tagged sand at 3412', cleaned out down to 3669'. Pulled out of the hole with the tubing and tools laying down the tubing. Racked and tally new 2 3/8" IPC tubing. Ran in the hole with a new 4 1/2" X 2 3/8 nickle coated AS1X packer w/1.5 Profile w/T-2 on-off tool set the packer at 3534' and test the casing to 500#. Get off of the on and on tool and circulate 60 BBLS of packer fluid. Latch back on the on and off tool, nipple down the BOP and flange up the well head. Install the tubing valve and shut in the well. SDFN.

Daily Cost: $38,450
Cum. Cost: $380,430

Sep 29, 2011 Thursday (Day 17)

Rig up Maclaskey pump truck. Test casing w/chart to 500# for 30 min w/no leak off. Establish injection rate of 1 BPM at 0# for 100 BBL. Pump 250 BBL at 2 BPM at start at 200# and at 250 BBL at 1480#.ISIP 1250#. Shut in well. RDMO. Turn well over Production.

Daily Cost: $5,700
Cum. Cost: $386,130