

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. 30-025-26537 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG 5419
7. Lease Name or Unit Agreement Name FRIER STATE ✓
8. Well Number #1 ✓
9. OGRID Number 013954
10. Pool name or Wildcat HIGHTOWER UPPER PENN, EAST
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4194' GL

**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  **HOBBS OCD**

2. Name of Operator  
MANZANO, LLC ✓

3. Address of Operator  
PO BOX 2107 ROSWELL, NM

4. Well Location  
 Unit Letter L : 1980 feet from the SOUTH line and 660 feet from the WEST line  
 Section 29 Township 12S Range 34E NMPM County LEA

RECEIVED  
 SEP 13 2013

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:

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.

Propose to P & A as follows:

~~Spot 25sx @ 9870'~~ set CIBP @ 9845' cap w/ 35' cement - Circ well w/ MLF.  
 Spot 25sx @ 6870' <sup>50sx</sup>  
 Perforate @ 4250' and squeeze @ 50sx cement circulating cement on 8 5/8" casing (8 5/8" shoe @ 4200') - WOC - TAG  
 @ 2250' (top of salt @ 2300') WOC - TAG  
 F Spot 25sx @ 393' (13 3/8" shoe @ 343') - Circ cement to surface  
 Pump 100' surface plug

Work will commence within 30 days of approved plugging procedure

OIL CONSERVATION DIVISION - Hobbs office Must Be Notified  
 24 hours prior to the beginning of Plugging Operations.

Rig Release Date:

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

SIGNATURE Craig Hanagan TITLE Operations Forman DATE 9/11/13

Type or print name Craig Hanagan E-mail address: craig@manzanoenergy.com PHONE: 575-910-6154

For State Use Only

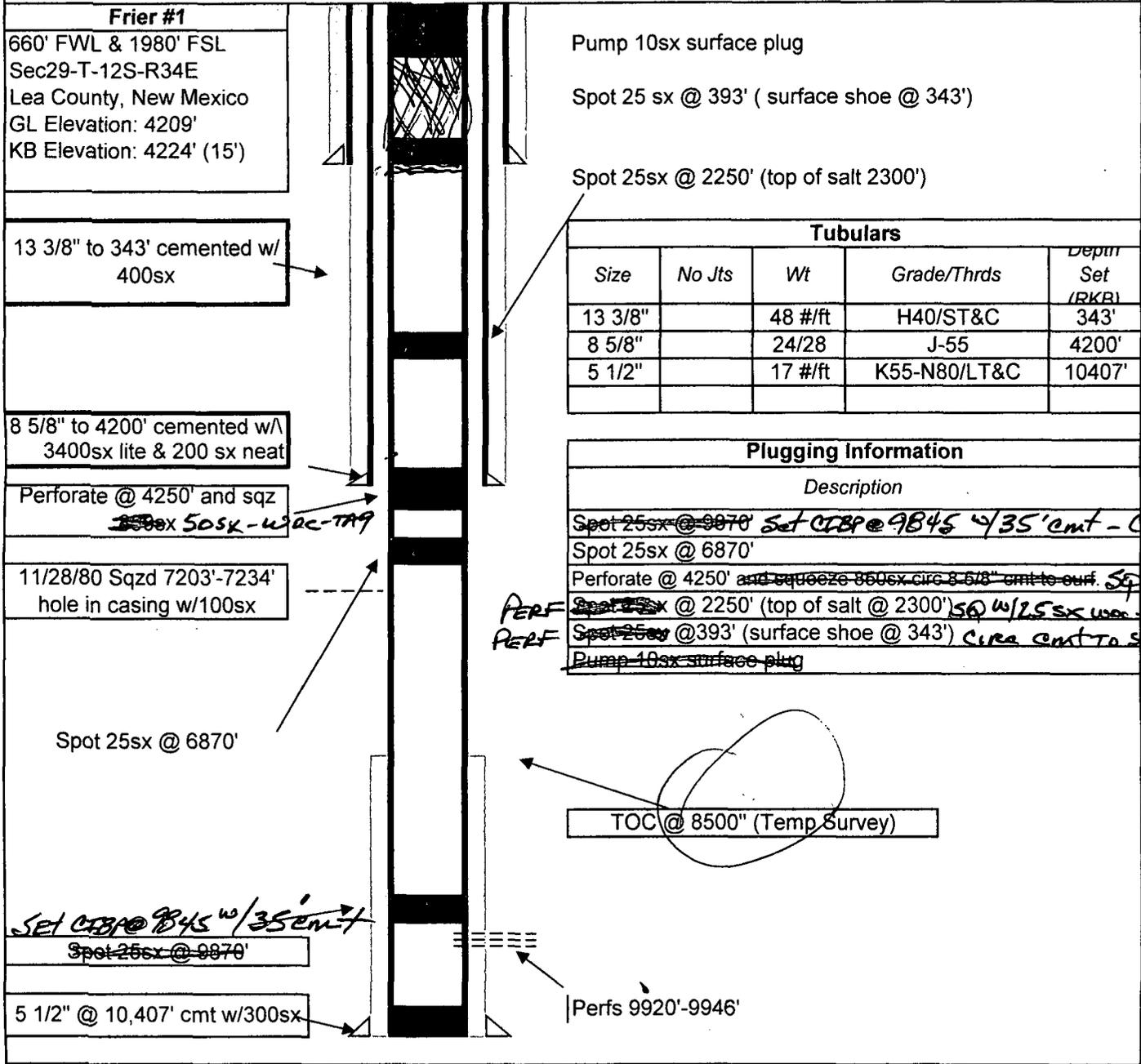
APPROVED BY [Signature] TITLE DIST. MGR DATE 9-17-2013

Conditions of Approval (if any):

SEP 17 2013

# Manzano LLC

## WELLBORE DIAGRAM



**Frier #1**  
 660' FWL & 1980' FSL  
 Sec29-T-12S-R34E  
 Lea County, New Mexico  
 GL Elevation: 4209'  
 KB Elevation: 4224' (15')

13 3/8" to 343' cemented w/  
 400sx

8 5/8" to 4200' cemented w/  
 3400sx lite & 200 sx neat

Perforate @ 4250' and sqz  
~~350sx~~ 50sx - WDC-TA9

11/28/80 Sqzd 7203'-7234'  
 hole in casing w/100sx

Spot 25sx @ 6870'

SET CBP @ 9845 w/ 35' cmt  
 Spot 25sx @ 9870'

5 1/2" @ 10,407' cmt w/300sx

Pump 10sx surface plug

Spot 25 sx @ 393' ( surface shoe @ 343')

Spot 25sx @ 2250' (top of salt 2300')

Tubulars				
Size	No Jts	Wt	Grade/Thrds	Depth Set (RKB)
13 3/8"		48 #/ft	H40/ST&C	343'
8 5/8"		24/28	J-55	4200'
5 1/2"		17 #/ft	K55-N80/LT&C	10407'

Plugging Information	
Description	
Spot 25sx @ 9870'	Set CBP @ 9845 w/ 35' cmt - Circ w/MLF
Spot 25sx @ 6870'	
Perforate @ 4250' and squeeze 850sx circ 8 5/8" cmt to surf.	Sq 50sx cmt WDC-TA9
PERF Spot 25sx @ 2250' (top of salt @ 2300')	SQ w/ 25sx wdc-ta9
PERF Spot 25sx @ 393' (surface shoe @ 343')	Circ cmt to surface
Pump 10sx surface plug	

TOC @ 8500" (Temp Survey)

Perfs 9920'-9946'