

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

Form C-103  
May 27, 2004

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

WELL API NO.	30-045-33809
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 ALLISON UNIT	
8. Well Number	39N
9. OGRID Number	14538
10. Pool name or Wildcat	Blanco Mesaverde / Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6515' GL	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Completion detail w/4 1/2" csg cmt remediation ☒

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.

See attached daily summary for completion details.

RCVD JUL 24 2007  
OIL CONS. DIV.  
DIST. 3

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 Juanita Farrell TITLE Regulatory Specialist DATE 07/20/2007

Type or print name Juanita Farrell

E-mail address:

Telephone No. (505)326-9597

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY: H. Villanueva TITLE \_\_\_\_\_

DATE JUL 24 2007

Conditions of Approval (if any):

**Allison Unit #39N**  
30-045-33809  
Sec. 18 T32N R6W  
Completion Detail

**03/30/07** RU W/L. Run GR/CCL/CBL from 8019' (PBSD) to surface. TOC @ 5520" (7" csg set @ 3609' - no overlap).

**04/17/07** NU frac valve. PT frac valve and casing to 4100#/15min. Good test.

Perf DK: 7925' - 8010', 62 holes, 034" dia., 2 spf

**4/18/07** Frac: Pump 10 bbl 15% HCL ahead of 103,110 gal slickwater w/40,000# 20/40 TLC.

Perf PTL/MFE: 5634' - 5744', 27 holes, 0.34" dia., 1 spf

Frac: Pump 10 bbl 15% HCL ahead of 45,948 gal slickwater w/100,000# 20/40 brady sand. Flow well 24 hrs.

**05/10/07** RU W/L & pump truck. Set CIBP @ 5580'. Test to 4100#/15min. Release pressure. Shoot 1 (0.34") squeeze hole @ 5114'. Establish injection rate. Pumped 115 bbl 2% KCL wtr. Did NOT circulated any fluids or gas. RD & release W/L and pump truck.

**05/12/07** RU to cmt. Pump 150 sx (202 cf - 36 bbl) Type III cmt (1.38 yd - 14.5 ppg). Displace w/80 bbl 2% KCL wtr. Did not circulate any fluids. RD cementers. W/O completion rig.

**06/13/07** MIRU Key 11. ND frac stack. NU BOP - PT ok. RIH w/2 3/8" string. tag wiper plug @ 5038'. Drill wiper plug and cmt F/5038' T/5118'. Attempt to test squeeze hole. Establish injection rate w/rig pump @ 6 bbl p/min @ 700 psi. (Did not circ up 7"). Roll hole w/65 bbl 2% KCL @ CIBP @ 5579'. POOH.

**06/15/07** RU W/L. Run CBL from 5300' to 3500'. TOC @ 5010'. RD W/L. ND BOP NU Master valve. RDMO.

**06/21/07** Perf CLH/UMFE: 5114' - 5510', 30 holes, 0.34" dia., 1 spf

Frac: Pump 10 bbl 15% HCL ahead of 60Q slickfoam @ 50 to 54 bpm w/100,600# 20/40 brady sand. Flow back well 2 days.

**06/26/07** MIRU Key 11. RU W/L. RIH & set CIBP @ 5060'. Good PT. RIH & shoot 1 squeeze hole @ 3710'. RD W/L.

**06/27/07** RIH w/packer & set @ 3508'. RU to cmt. Pump 100 sx (132 cf - 24 bbl) Type III cmt (1.38 yd, 14.5 ppg). Displace w/16 bbl wtr. Had good circ up 7" during job.

**06/28/07** RIH & release pkr. POOH w/packer. RIH & tag cmt @ 3661'. Drill out cmt F/3661' T/3720'. Circ. PT squeeze hole @500#/30min. Good test. Roll hole w/48 bbl 2% KCL @ 3805'. POOH. RU W/L. Run CBL F/3800' - 2500'. TOC @ 2740' - Good overlap. RD W/L.

**07/02/07** RIH & tag CIBP @ 5060'. D/O CIBP. C/O fill to CIBP @ 5579'. D/O CIBP. Circ clean. SDFW Holiday.

**07/10/07** RIH & establish circ. C/O fill F/7987' to 8019' (PBSD). Run MV/DK separator test.

**07/11/07** RIH w/257 jnts 2 3/8", J-55, 4.70# EUE tbg and set @ 7967'. ND BOP NU Master valve. RDMO 07/11/07

Recvd verbal approval from Steve Hayden 04/10/07 for above remediation.