

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 August 1, 2011

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-019-20141
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Alta Mesa Services, LP		6. State Oil & Gas Lease No.
3. Address of Operator 15021 Katy Freeway, Suite 400 Houston, TX 77094		7. Lease Name or Unit Agreement Name Latigo Ranch
4. Well Location Unit Letter F : 2252 feet from the North line and 2487 feet from the West line Section 33 Township 11N Range 23E NMPM County Guadalupe		8. Well Number 033F
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4755' GR		9. OGRID Number 295752
		10. Pool name or Wildcat Cuervo Hill; Pennsylvanian

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

Alta Mesa Services, LP Latigo Ranch 33-F Proposed P&A Procedure

1. MI&RU wireline truck, etc. to dump bail cement and set CIBP's in the 5.5" 20.0 ppf production casing.
  2. Run gamma ray, ccl & junk basket to check PBTD at +/-17,320'.
  3. PU cement bailer and make multiple runs to fill from PBTD to 17,110' to cover all existing perforations.
  4. PU & GIH with CIBP and set at 17,100' and dump 10' cement on top.
  5. PU & GIH with CIBP and set at 7,950' and dump 10' cement on top, adjacent to intermediate shoe.
  6. PU & GIH with CIBP and set at 1,500' and dump 10' cement on top, adjacent to surface casing shoe.
  7. PU & GIH with CIBP and set at 35' and dump 30' cement on top.
  8. RD & demob all wireline equipment.
  9. Weld 1/2" steel plate with dry hole marker pipe per New Mexico's requirements.
  10. Restore location to natural terrain.
- \*\*\*Please see attached WBS\*\*\*

# See attached conditions of approval page

Spud Date:

2-28-13

Rig Release Date:

6-5-13

2013 SEP 15 12:01

RECEIVED 2013

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

SIGNATURE Bridget Helfrich TITLE Regulatory Coordinator DATE 9-12-14

Type or print name Bridget Helfrich E-mail address: bhelfrich@altamesa.net PHONE: 281-943-1373

For State Use Only

APPROVED BY: Brenda Reed TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE 10/28/14

Conditions of Approval (if any):

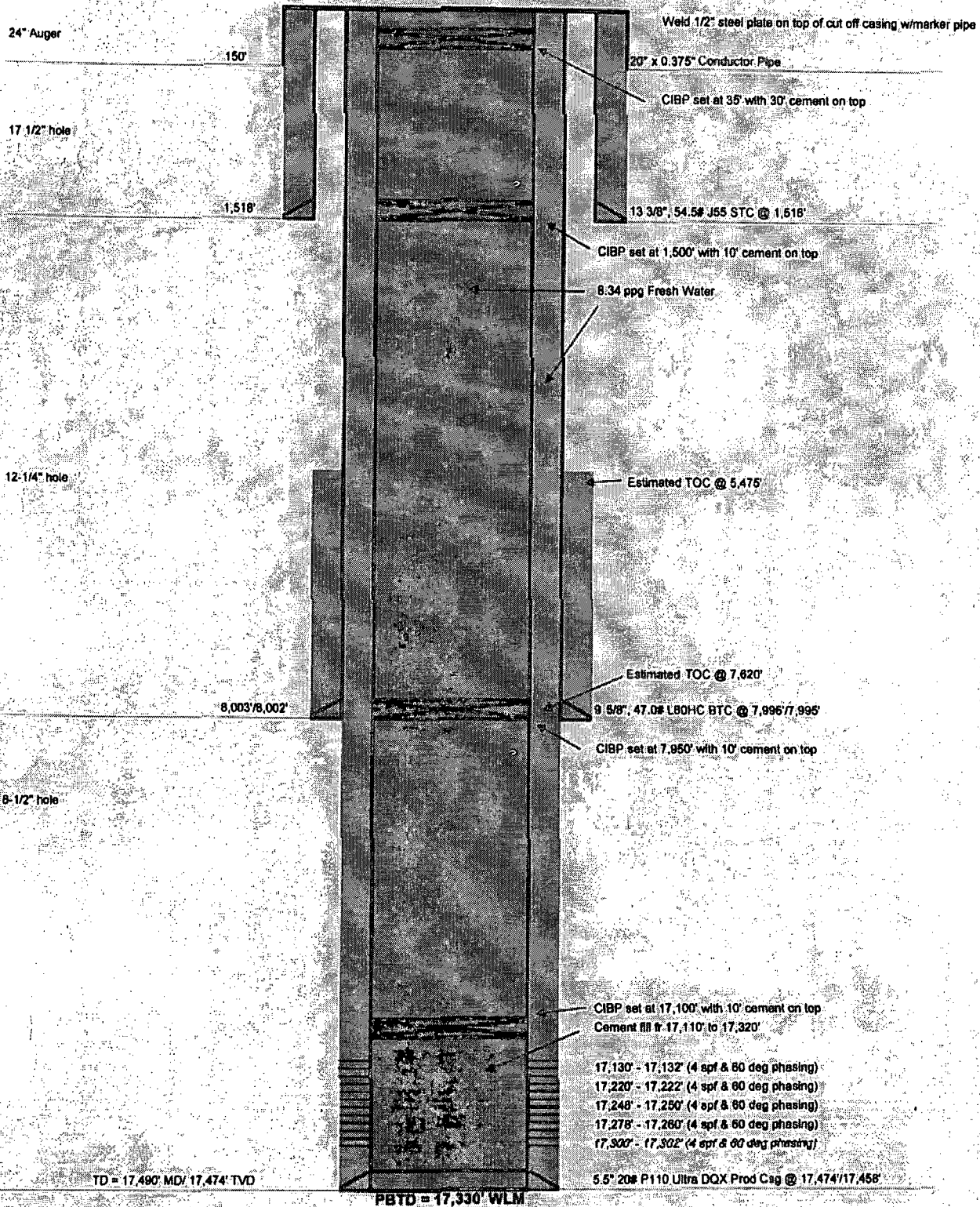
# See attached conditions of approval page

# Proposed P&A Wellbore Schematic

Alta Mesa Services, LP  
 Latigo Ranch 33-F  
 Cuervo Field  
 Guadalupe County, NM  
 KB = 4,787'

## Hole Sizes and Depths

## Casing Sizes, etc.



## Lithology

Wellsite elevation is 4755' (KB = 4785')

Significant Formation Tops	Drill Depth	Subsea Depth
Santa Rosa	965	3820
San Andres	1630	3155
Glorietta	2015	2770
Yeso	2380	2405
Abo	3560	1225
Hueco	4427	358
Pennsylvanian	5986	-1201
Mississippian	17310	-12525
Basement	Not Penetrated	Not Penetrated

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey, Division Director**  
Oil Conservation Division



## Conditions of Approval Attachment Page

### Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-019-20141-00-00	LATIGO RANCH	033F	ALTA MESA SERVICES, LP	G	T	Guadalupe	P	F	33	11	N	23	E

### Application Type:

- ☒ P&A    ☐ Drilling/Casing Change    ☐ Location Change  
☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)  
☐ Other:

### Conditions of Approval:

**Notify NMOCD 24hrs prior to beginning operations, casing & cement**

**Add an inside/outside plug for the Santa Rosa formation from 915-1015**

**Add an inside/outside plug for the San Andres formation from 1580-1680**

**Add an inside/outside plug for the Glorietta formation from 1965-2065**

**Add an inside/outside plug for the Yeso formation from 2330-2430**

**Add an inside/outside plug for the Abo formation from 3510-3610**

**Add an inside/outside plug for the Hueco formation from 4377-4477**

**Add an inside/outside plug for the Pennsylvanian formation from 5936-6036**

**Add an inside/outside plug for the 8950-9050**

**Add an inside/outside plug for the 11950-12050**

**Add an inside plug from 14950-15050**

**Convert plug at 7950 to an inside/outside plug from 7900-8000**

**Convert plug at 1500 to an inside/outside plug from 1450-1500**

**Convert plug at 35 to an inside/outside plug from 0-50**

**All inside plugs require 50% excess cement**

**All outside plugs require 100% excess cement**