

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

| | |
|--------------------------------------|--|
| WELL API NO. | 30-019-20141 |
| 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 | Latigo Ranch |
| 8. Well Number | 033F |
| 9. OGRID Number | 295752 |
| 10. Pool name or Wildcat | Cuervo Hill, Pennsylvanian |

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

2. Name of Operator
Alta Mesa Services, LP

3. Address of Operator
15021 Katy Freeway, Suite 400 Houston, TX 77094

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4755' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| | | | |
|---|--|--|--|
| NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> | | SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> | |
| OTHER: <input type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

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

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

2013 SEP 15 12:01
 RECEIVED 1000

See attached conditions of approval page

Spud Date: 2-28-13 Rig Release Date: 6-5-13

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

APPROVED BY: Brenda Reed TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE 10/28/14
 Conditions of Approval (if any): N

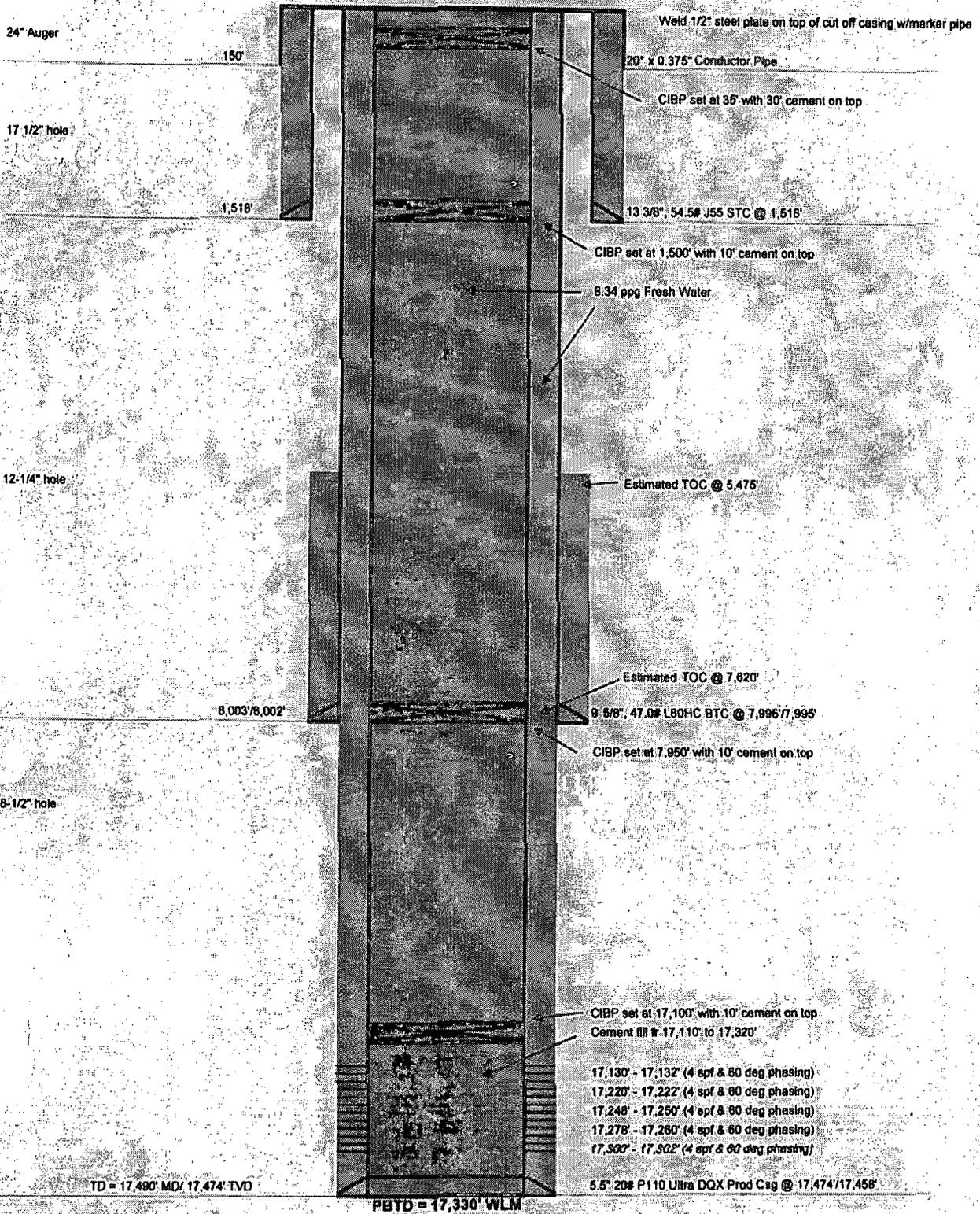
See attached conditions of approval page

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 | Twps | 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