

submitted in lieu of Form 3160-5 -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

RECEIVED

JAN 23 2002 9:27

1. **Type of Well**
Oil

2. **Name of Operator**
US Enercorp

3. **Address & Phone No. of Operator**
c/o AWP Operating, PO Box 17658, San Antonio, TX (210-820-3868)

4. **Location of Well, Footage, Sec., T, R, M**
Surface - 730' FSL and 1000' FWL, Sec. 35, T-21-N, R-2-W,
BHL - 1200' FNL and 660' FWL, Sec. 35, T-21-N, R-2-W

5. **Lease Number**
NM-68761

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
Cuba Mesa 35-1

9. **API Well No.**
30-043-20870

10. **Field and Pool**
Rio Puerco Mancos Pool

11. **County & State**
Sandoval County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

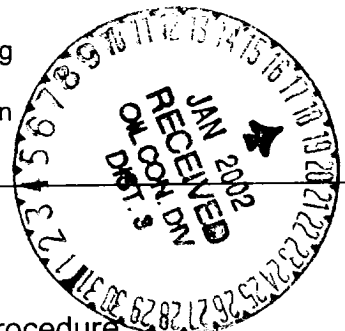
Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other -

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection



13. Describe Proposed or Completed Operations

US Enercorp plans to plug and abandon this well per the attached procedure.

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title member Date 12/22/01

(This space for Federal or State Office use)

APPROVED BY Jar Brian W. Davis Title Lands and Mineral Resources Date JAN 15 2002

CONDITION OF APPROVAL, if any:

* Attached

PLUG & ABANDONMENT PROCEDURE

12/11/01

Cuba Mesa Unit #35-1

Rio Puerco Mancos Pool

Surface - 730' FSL & 1000' FWL, Section 35, T-21-N, R-2-W

BHL - 1200' FNL & 660' FWL, Section 35, T-21-N, R-2-W

Sandoval Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and US Enercorp safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary.
2. PU on rods and unseat pump. Reset pump and pressure test tubing to 2000#. POH and LD rods and pump. ND wellhead and NU BOP and stripping head; test BOP. Release tubing anchor if present. TOH and tally 2-7/8" tubing, total 3036', (note there may be some tail pipe). If necessary use a workstring to plug well.
3. **Plug #1 (Gallup interval and 4-1/2" liner top, 3672' - ³⁵⁷²3612')**: TIH and set 7-5/8" cement retainer at 3672'. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix ~~22~~³¹ sxs cement and spot a balanced plug inside casing above the CR to isolate the Gallup interval and 4-1/2" liner top. PUH to 1775' with tubing.
4. **Plug #2 (Mesaverde top, 1755' - 1675')**: Mix 34 sxs cement and spot balanced plug inside casing to cover the Mesaverde top. PUH to 862'.
5. **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 862' - 507')**: Mix 91 sxs cement and spot balanced plug inside casing to cover through the Ojo Alamo tops. PUH to 320'.
6. **Plug #4 (10-3/4" Surface casing shoe, 320' - 220')**: Mix 34 sxs cement and spot a balanced plug to cover the surface casing shoe. PUH to 50'.
7. **Plug #5 (Surface)**: Mix ~~12~~²² sxs cement and spot a balanced plug from ~~50'~~^{10'} to surface, circulate cement out casing valve. TOH and LD tubing. Shut in well and WOC.
8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Cuba Mesa Unit #35-1

Current

Rio Puerco Mancos Pool

(Surface) SW, Section 35, T-21-N, R-2-W, Sandoval County, NM

(BHL) NW, Section 35, T-21-N, R-2-W, Sandoval County, NM

Today's Date: 12/11/01
Spud: 6/13/92
Completion: 7/15/92
Elev: 7013' GL
7026' KB

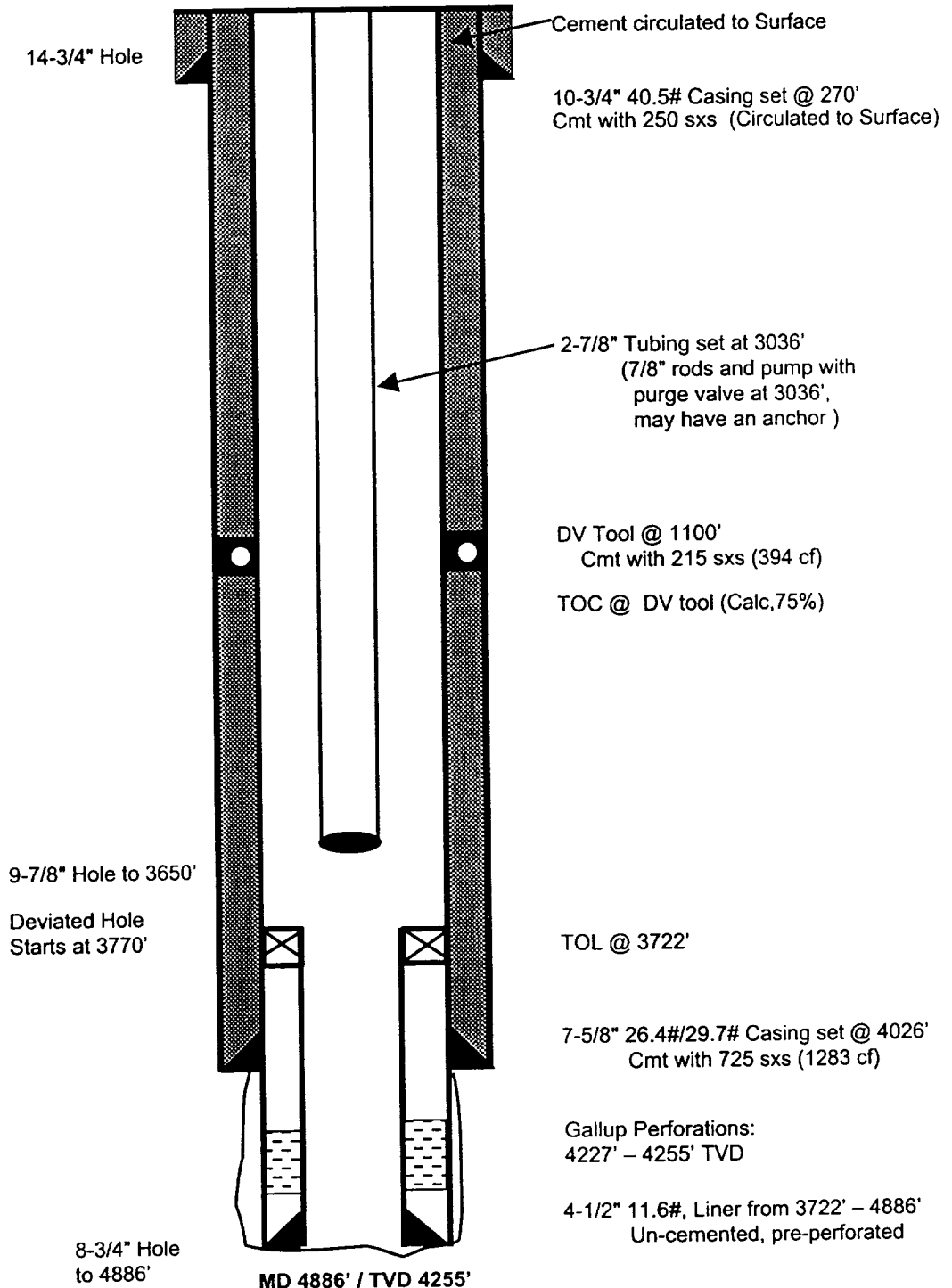
Ojo Alamo @ 557'

Kirtland / Fruitland @ 675'

Pictured Cliffs @ 812'

Mesaverde @ 1725'

Gallup @ 4011'



Cuba Mesa Unit #35-1

Proposed P&A

Rio Puerco Mancos Pool

(Surface) SW, Section 35, T-21-N, R-2-W, Sandoval County, NM

(BHL) NW, Section 35, T-21-N, R-2-W, Sandoval County, NM

Plug #5: 50' - Surface
Cement with 12 sxs

Today's Date: 12/11/01

Spud: 6/13/92

Completion: 7/15/92

Elev: 7013' GL

7026' KB

14-3/4" Hole

-Cement circulated to Surface

10-3/4" 40.5# Casing set @ 270'
Cmt with 250 sxs (Circulated to Surface)

Plug #4: 320' – 220'
Cement with 34 sxs

Ojo Alamo @ 557'

Kirtland / Fruitland @ 675'

Pictured Cliffs @ 812'

Plug #3: 862' - 507'
Cement with 91 sxs

Mesaverde @ 1725'

DV Tool @ 1100'
Cmt with 215 sxs (394 cf)

TOC @ DV tool (Calc,75%)

Plug #2: 1775' - 1675'
Cement with 34 sxs

9-7/8" Hole to 3650'

Deviated Hole
Starts at 3770'

Set CR @ 3672'

TOL @ 3722'

Plug #1: 3672' - 3612'
Cement with 22 sxs

Gallup @ 4011'

7-5/8" 26.4#/29.7# Casing set @ 4026'
Cmt with 725 sxs (1283 cf)

Gallup Perforations:
4227' – 4255' TVD

4-1/2" 11.6#, Liner from 3722' – 4886'
Un-cemented, pre-perforated

8-3/4" Hole
to 4886'

MD 4886' / TVD 4255'

IN REPLY REFER TO
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
Albuquerque Field Office
435 Montano N.E.
Albuquerque, New Mexico 87107

Company US Enercorp

Well No. Cuba Mesa No. 35-1

Location 730' FSL & 1000' FWL (SL) 1200' FNL & 660' FWL (BHL), Sec 35, T21N, R2W, NMPM

Lease No. NMNM-68671

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700
Manager: Steve Anderson, Assistant Field Manager 505.761.8982
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,
Pager 505.969.0146, Cell 505.249.7922,
Petroleum Engineering Technician: Al Yepa 505.252.6981 and 505.321.4426 cell
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

GENERAL REQUIREMENTS
FOR
OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. Blowout prevention equipment is required.
3. Plug No. 1 changed to 34 sacks, 3672 - 3572',
Plug No. 5 changed to 22 sacks, 100' - surface
4. Santa Fe National Forest Surface Restoration Requirements are attached.
Contact info SFNF - Larry Gore 505.289.3265
5. ROW NMNM 87586 will need to be assigned pending determination of assignee.*

4-15-01
3-2-01

Santa Fe National Forest
Conditions of Approval for Final Abandonment
Cuba Mesa 35-1 and 35-2 wells and ancillary facilities
Township 21 North, Range 2 West, Sec. 35

1. Existing Water Well and Access Road

The water well and access road will not be reclaimed. They will be left in place for future use by the Forest Service.

2. Removal of Surface Structures, Improvements, and Equipment

All structures, improvements, equipment, rubbish, and trash must be removed from the site. Nothing may be buried on site.

3. Abandonment Marker

A permanent abandonment marker complying with Federal and State laws and regulations will be placed at each well.

4. Contaminated Soil

All hydrocarbon contaminated soil at the locations will be consolidated into one site, and landfarmed according to accepted industry practices and standards. The landfarm site must be within the fenced reclamation area, and properly bermed to prevent run-off water from being contaminated.

When the hydrocarbon contamination is adequately removed from the soil to meet applicable State and Federal standards, the soil will be spread to blend into surrounding contours and seeded with the same mix prescribed below for reclamation.

5. Reclamation Requirements

All caliche/gravel surfacing will be removed from the locations.

The cut and fill slopes will be recontoured to original contours if practicable. If not practicable, the slopes will be contoured to blend into the surrounding landscape contours.

All disturbed areas will be scarified to a minimum depth of 12 inches.

Salvaged topsoil will be spread over the disturbed areas.

On slopes greater than 4%, contour ditch waterbars will be constructed on the contour at seventy-five foot intervals, beginning at the top of the disturbed slope. The contour