

submitted in lieu of Form 3160-5

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

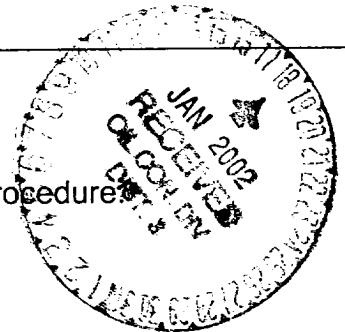
1. Type of Well Gas	5. Lease Number NM-68761
2. Name of Operator US Enercorp	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator c/o AWP Operating, PO Box 17658, San Antonio, TX (210-820-3868)	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M Surface - 1010' FSL and 820' FWL, Sec. 35, T-21-N, R-2-W, BHL - 660' FNL and 600' FWL, Sec. 35, T-21-N, R-2-W	8. Well Name & Number Cuba Mesa #35-2
	9. API Well No.
	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	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

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 Manager Date 12/22/01

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Lands and Mineral Resources Date JAN 15 2002

CONDITION OF APPROVAL, if any:

Attended

PLUG & ABANDONMENT PROCEDURE

12/10/01

Cuba Mesa Unit #35-2

Rio Puerco Mancos Pool

Surface -1010' FSL & 820' FWL, Section 35, T-21-N, R-2-W

BHL - 660' FNL & 600' 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 at 3493'. TOH and tally 2-7/8" tubing, total 4534'. If necessary use a workstring.
3. **Plug #1 (Gallup open hole interval and 7-5/8" casing shoe, 4505' - ~~4455'~~^{4405'}):** Set 7-5/8" wireline CIBP or CR at 4505'. TIH with tubing and tag. 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~~³⁴ sxs cement and spot a balanced plug inside casing above the CIBP, to isolate the Gallup open hole interval. PUH to 4160'.
4. **Plug #2 (Gallup top, 4160' - 4060'):** Mix 34 sxs cement and spot balanced plug inside casing to cover the Gallup top. PUH to 1805'.
5. **Plug #3 (Mesaverde top, 1795' - 1695'):** Mix 34 sxs cement and spot balanced plug inside the casing to cover the Mesaverde top. PUH to 875'.
6. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 875' - 522'):** Mix 91 sxs cement and spot balanced plug inside casing to cover through the Ojo Alamo tops. PUH to 290'.
8 461 ~ 71 sxs to fill parasite string if not filled
7. **Plug #5 (13-3/8" Surface casing shoe, 290' - 190'):** Mix 34 sxs cement and spot a balanced plug to cover the surface casing shoe. PUH to 50'.
8. **Plug #6 (Surface):** Mix ~~12~~³³ sxs cement and spot a balanced plug from ~~50'~~^{100'} to surface. TOH and LD tubing. Shut in well and WOC.
9. 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 #35-2

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: 12/10/01
Spud: 10/10/93
Completion: 11/20/93
Elev: 7016' GL
7028' KB

14-3/4" Hole

Circulated cement to Surface

13-3/8" 54.4# Casing set @ 240'
Cmt with 320 sxs (Circulated to Surface)

Ojo Alamo @ 572'

Kirtland / Fruitland @ 700'

Pictured Cliffs @ 825'

1-1/2" Tubing set at 2561'
(IJ, 2.76# - Parasite string)

Mesaverde @ 1745'

2-7/8" Tubing set at 4534'
(7/8" rods and pump,
Anchor and SN at 3493',
110 joints above and
32 joints below anchor)

DV Tool @ 2644'
Cmt with 1065 sxs (2305 cf)
TOC @ DV tool (Calc, 75%)

Deviated Hole
Starts at 3520'

Gallup @ 4110'

9-7/8" Hole to 4026'

7-5/8" 26.4# Casing set @ 4555' MVD
(4230' TVD) Cmt with 405 sxs (714 cf)

Gallup Open Hole:
4555' - 7073' MVD
4231' - 4414' TVD

6-1/2" Hole

MD 7073' / TVD 4114'

Cuba Mesa Unit #35-2

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

Today's Date: 12/10/01
Spud: 10/10/93
Completion: 11/20/93
Elev: 7016' GL
7028' KB

14-3/4" Hole

Ojo Alamo @ 572'

Kirtland / Fruitland @ 700'

Pictured Cliffs @ 825'

Mesaverde @ 1745'

*Possible
fly*

Deviated Hole
Starts at 3520'

Gallup @ 4110'

9-7/8" Hole to 4026'

6-1/2" Hole

MD 7073' / TVD 4114'

Circulated cement to Surface

13-3/8" 54.4# Casing set @ 240'
Cmt with 320 sxs (Circulated to Surface)

Plug #5: 290' – 190'
Cement with 34 sxs

Plug #4: 875' – 522'
Cement with 91 sxs

Plug #3: 1795' – 1695'
Cement with 34 sxs

DV Tool @ 2644'
Cmt with 1065 sxs (2305 cf)
TOC @ DV tool (Calc,75%)

Plug #2: 4160' – 4060'
Cement with 34 sxs

Set CR @ 4505'

Plug #1: 4505' – ~~4455'~~
Cement with ~~22~~ sxs

7-5/8" 26.4# Casing set @ 4555' MVD
(4230' TVD) Cmt with 405 sxs (714 cf)

Gallup Open Hole:
4555' – 7073' MVD
4231' – 4414' TVD

100'
Plug #6: ~~50'~~ – Surface'
Cement with ~~12~~ sxs

*400' 2561 C
201 sxs*

4405'

30

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

ditches should be at least one foot deep, with approximately two feet of drop per one hundred feet, and with the berm on the downhill side.

The disturbed area will be drill seeded. Recommended seeding times are December 1 through April 1, or July 1 through September 1. The recommended seed mix is:

<u>Species</u>	<u>Pounds Pure Live Seed per Acre</u>
Western wheatgrass	1.0
Yellow sweetclover	1.2
Blue grama	0.4
Indian ricegrass	0.1

Revegetation will be approved when the established vegetative cover of desirable plants is equal to 70% of the adjacent (undisturbed) areas, after a minimum of two growing seasons.

The entire disturbed area, including the contaminated soil landfarm area, will be fenced with a four-strand fence. Wooden H bracing must be constructed at all corners, utilizing six-inch diameter wood posts. The fence should completely encircle the disturbed area, with no gate or cattle guard. This fence will be maintained by the operator until the Forest Service determines the vegetation has been successfully established. The operator will be responsible for removing the fence at that time.

6. Weed Control

It is the operator's responsibility to control noxious weeds at the site. Forest Service authorization must be obtained prior to using any chemical weed control (herbicides).

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. 35-2

Location 1010' FSL & 820' FWL (SL) 660' FNL & 600' 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, 4505 - 4405',
Plug No. 6 changed to 22 sacks, 100' - surface
Possible Plug 4(a) Parasite String, 21 sacks, 2561 - 0'.
4. Santa Fe National Forest Surface Restoration Requirements are attached.
Contact info SFNF - Larry Gore 505.289.3265
5. ROW NMNM 87580 will need to be assigned pending determination of assignee.

Handwritten signature and initials