

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

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1550' FNL, 1180' FWL, Sec.8, T-26-N, R-9-W, NMPM

5. Lease Number
SF-077980-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfano Unit

8. Well Name & Number
Huerfano Unit #249

9. API Well No.
30-045-21403

10. Field and Pool
Angels Peak Gallup

11. County and State
San Juan Co, 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

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. The deadline to submit this procedure is 8/31/2001.

REF
2001 AUG 31 AM 9:47
OTO



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

Signed Tammie Wainwright Title Regulatory Supervisor Date 8/30/01
TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 9/18/01

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

PLUG AND ABANDONMENT PROCEDURE

08/29/01

Huerfano Unit #249

AIN #4392101

Angel Peak Gallup

1550' FNL & 1180' FWL, Section 8, T26N, R9W

Rio Arriba County, New Mexico API #30-045-21403

Lat: 36 - 30.3504'/Long: -107 - 48.9624'

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. 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/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. ND wellhead and NU BOP, test BOP.
2. TOH and tally 2-3/8" tubing, total 6087'. Visually inspect tubing, if necessary LD and PU workstring. Round-trip 4-1/2" gauge ring or casing scraper to 5670', or as deep as possible.
3. **Plug #1 (Gallup perforations and top 5670' - 5570')**: Set 4-1/2" wireline CIBP at 5670'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Gallup perforations. TOH with tubing.
4. **Plug #2 (Mesaverde top, 3842' - 3742')**: Perforate 3 HSC squeeze holes at 3842'. Establish rate into squeeze holes if casing tested. Set a 4-1/2" retainer at 3810'. Establish rate into squeeze holes. Mix 51 sxs cement and squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover the Mesaverde top. PUH to 2288'.
5. **Plug #3 (Pictured Cliffs and Fruitland tops, 2288' - 1930')**: Mix 31 sxs cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 1518'.
6. **Plug #4 (Kirtland top, ^{1518'}1418' - ^{1418'}1308')**: Mix 15 sxs cement and spot a balanced plug inside casing to cover the Kirtland top and part of the Ojo Alamo. PUH to 1350' and reverse clean. TOH with tubing.
7. **Plug #5 (Ojo Alamo top, 1345' - 1245')**: Perforate 3 HSC squeeze holes at 1345'. Establish rate into squeeze holes if casing tested. Set 4-1/2" retainer at 1295'. Establish rate into squeeze holes. Mix 51 sxs cement and squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover the Ojo Alamo top. TOH and LD tubing.
8. **Plug #6 (8-5/8" surface casing, 256' - Surface)**: Perforate 3 HSC holes at 256'. Establish circulation out bradenhead with water. Mix and pump approximately 95 sxs cement down the 4-1/2" casing, circulate good cement to surface. 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.

Recommended:


Operations Engineer

8.30.

Approval:


Drilling Superintendent

Contacts: Operations Engineer Joe Michetti

Pager: 564-7187

Office - 326-9764

Sundry Required: YES NO

Approved:


Regulatory Approval

JAM/plh

Huerfano Unit #249

Current

AIN #4392101

Angel Peak Gallup

NW, Section 8 T-26-N, R-9-W, San Juan County, NM

API #30-045-21403

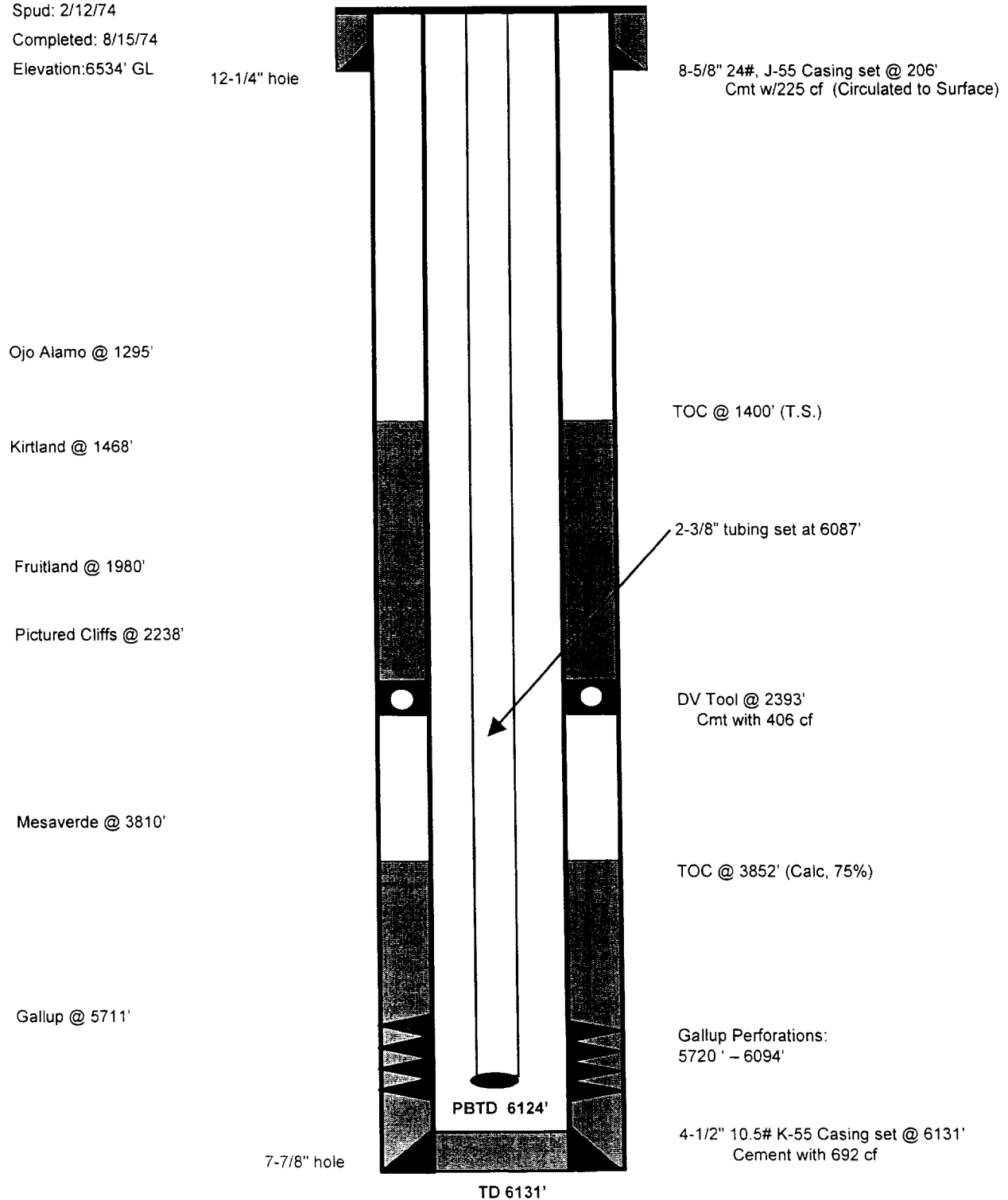
Lat: 36 – 30.3504°/Long: -107 – 48.9624°

Today's Date: 08/29/01

Spud: 2/12/74

Completed: 8/15/74

Elevation: 6534' GL



Huerfano Unit #249

Proposed P&A

AIN #4392101

Angel Peak Gallup

NW, Section 8 T-26-N, R-9-W, San Juan County, NM

API #30-045-21403

Today's Date: 08/29/01

Spud: 2/12/74

Completed: 8/15/74

Elevation: 6534' GL

Lat: 36 - 30.3504' / Long: -107 - 48.9624'

12-1/4" hole

Ojo Alamo @ 1295'

Kirtland @ 1468'

Fruitland @ 1980'

Pictured Cliffs @ 2238'

Mesaverde @ 3810'

Gallup @ 5711'

7-7/8" hole

PBTD 6124'

TD 6131'

8-5/8" 24#, J-55 Casing set @ 206'
Cmt w/225 cf (Circulated to Surface)

Perforate @ 256'

Plug #6 256' - Surface
Cement with 95 sxs

Cmt Retainer @ 1295'

Perforate @ 1345'

TOC @ 1400' (T.S.)

Plug #5 1345' - 1245'
Cement with 51 sxs,
39 sxs outside casing
and 12 inside.

¹⁵¹⁸ ¹⁴¹⁵
Plug #4 1448' - 1368'
Cement with 15 sxs

DV Tool @ 2393'
Cmt with 406 cf

Cmt Retainer @ 3810'

Perforate @ 3842'

TOC @ 3852' (Calc, 75%)

Plug #2 3842' - 3742'
Cement with 51 sxs,
39 sxs outside casing
and 12 inside.

Set CIBP @ 5670'

Gallup Perforations:
5720' - 6094'

Plug #1 5670' - 5570'
Cement with 12 sxs

4-1/2" 10.5# K-55 Casing set @ 6131'
Cement with 692 cf