

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Taurus Exploration, U.S.A., Inc.

3. Address and Telephone No.

2198 Bloomfield Highway; Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1650' FNL, 1780' FEL, Sec. 22, T25N, R3W, NMPM

5. Lease Designation and Serial No.

NM-04075

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Arco Hill #1

9. API Well No.

30-039-23838

10. Field and Pool, or exploratory Area

Blanco Mesa Verde

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

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  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
JAN 27 1998  
OIL CON. DIV.  
DIST. 3

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

Signed

Title Production Superintendent

Date

12/18/97

(This space for Federal or State office use)

Approved by

Title Chief, Lands and Mineral Resources

Date

JAN 26 1998

Conditions of approval, if any:

COAs for surface restoration in attached letter (original sent w/ Amicus NOI 6-11-96)

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.



12/9/97

Arco Hill #1  
W-Lindrith Gallup/Dakota  
NE Section 22, T-25-N, R-3-W  
Rio Arriba Co., New Mexico

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.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Taurus safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH with 2-7/8" tubing (cut joint at 5029'); visually inspect the tubing. If necessary LD tubing and PU 2" workstring. RIH with 5-1/2" gauge ring or casing scraper to 3777'.
4. **Plug #1 (Tubing Stub, 5120' - 5020')**: RIH with open ended tubing to 5060' or as deep as possible. Load casing and pressure test to 500#. Mix and pump 17 sxs Class B cement and spot a balanced plug inside casing over tubing stub. POH with tubing.
5. **Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3827' - 3390')**: Perforate 3 HSC squeeze holes at 3827'. Establish rate into squeeze holes if casing tested. Mix 117 Class B cement and squeeze 63 sxs cement outside 5-1/2" casing from 3827' to 3612' and leave 54 sxs cement inside casing to cover Ojo Alamo top. POH.
6. **Plug #3 (Nacimiento top, 1780' - 1680')**: Perforate 3 HSC squeeze holes at 1780'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1730'. Establish rate into squeeze holes. Mix 46 sxs Class B cement and squeeze 29 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Nacimiento top. POH and LD tubing.
7. **Plug #4 (8-5/8" casing shoe at 504')**: Perforate 3 squeeze holes at 554'. Establish circulation out bradenhead valve. Mix and pump approximately 152 sxs Class B cement down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Ypmk  
1/15/98



# Arco Hill #1

Current

Blanco Mesaverde

1650' FNL, 1780' FEL

NE, Section 22, T-25-N, R-3-W, Rio Arriba County, NM

Lat./Long.: \_\_\_\_/\_\_\_\_

Today's Date: 12-9-97

Spud: 8-29-85

Completed: 1-28-86

Elevation: 7333' (GL)

7347' (KB)

Logs: DIFL/GR, CDL/CN,  
Temp. S., CBL

Nacimiento @ 1730'

Ojo Alamo @ 3440'

Kirtland @ 3555'

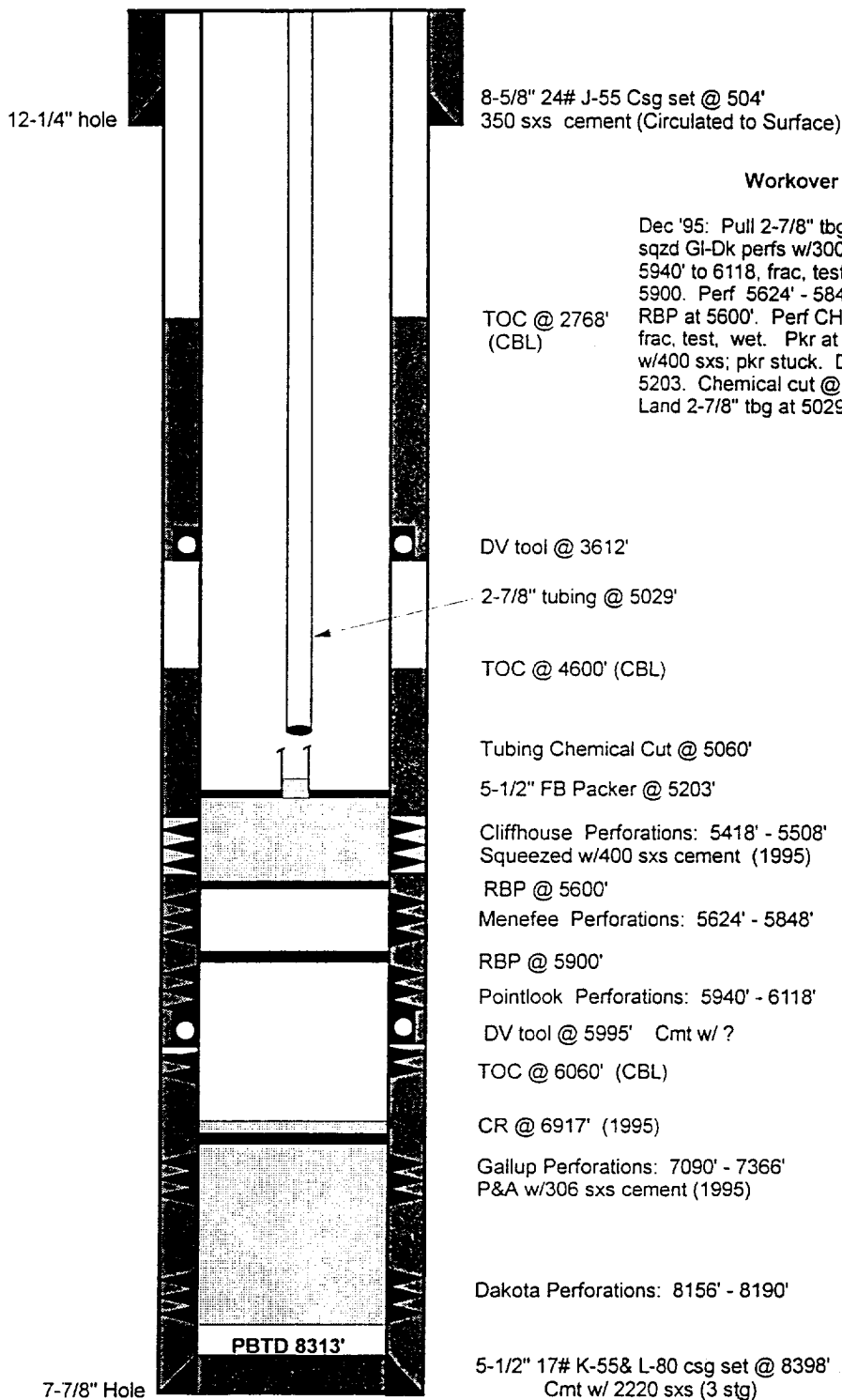
Fruitland @ 3620'

Pictured Cliffs @ 3777'

Mesa Verde @ 5420'

Gallup @ 7090'

Dakota @ 8100'





# Arco Hill #1

## Proposed P&A

Blanco Mesaverde

1650' FNL, 1780' FEL

NE, Section 22, T-25-N, R-3-W, Rio Arriba County, NM

Lat./Long.: \_\_\_\_/\_\_\_\_

Today's Date: 12-9-97

Spud: 8-29-85

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Nacimiento @ 1730'

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Pictured Cliffs @ 3777'

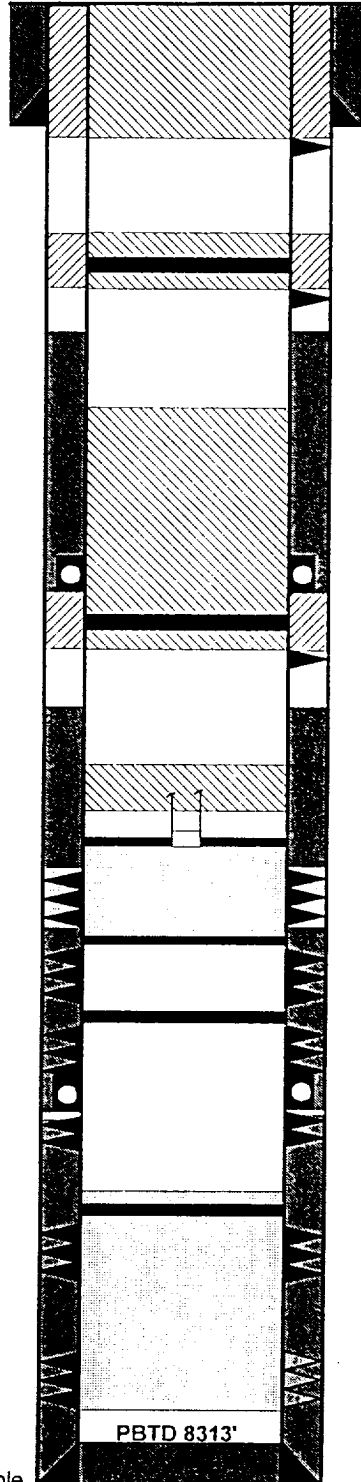
Mesa Verde @ 5420'

Gallup @ 7090'

Dakota @ 8100'

12-1/4" hole

7-7/8" Hole



8-5/8" 24# J-55 Csg set @ 504'  
350 sxs cement (Circulated to Surface)

Perforate @ 554'

Plug #4 554' - Surface  
Cmt with 152 sxs Class B.

Cmt Rt @ 1730'

Perforate @ 1780'

TOC @ 2768' (CBL)

Plug #3 1780' - 1680'  
Cmt with 46 sxs Class B.  
29 sxs outside casing and  
17 sxs inside casing.

DV tool @ 3612'

Cement Rt @ 3777'

Perforate @ 3827'

TOC @ 4600' (CBL)

Plug #2 3827' - 3390'  
Cmt w/ 117 sxs Class B.  
63 sxs outside casing from  
3827' to 3612, and 54 sxs  
inside casing to 3390'.

Plug #1 5120' - 5020'  
Cmt with 17 sxs Class B.

Tubing Chemical Cut @ 5060'

5-1/2" FB Packer @ 5203'

Cliffhouse Perforations: 5418' - 5508'  
Squeezed w/400 sxs cement (1995)

RBP @ 5600'

Menefee Perforations: 5624' - 5848'

RBP @ 5900'

Pointlook Perforations: 5940' - 6118'

DV tool @ 5995'

TOC @ 6060' (CBL)

CR @ 6917' (1995)

Gallup Perforations: 7090' - 7366'  
P&A w/306 sxs cement (1995)

Dakota Perforations: 8156' - 8190'

5-1/2" 17# K-55& L-80 csg set @ 8398'  
Cmt w/ 2220 sxs (3 stg)

TD 8398'

