

State of Colorado  
Oil and Gas Conservation Commission  
DEPARTMENT OF NATURAL RESOURCES



FOR OGCC USE ONLY

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24 hour notice required, contact @ \_\_\_\_\_

**WELL ABANDONMENT REPORT**

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for one year after the approval date; after that period a new intent will be required. After the plugging is complete, this form shall again be submitted as a subsequent report of the work as actually completed.

OGCC Operator Number: 86900		Contact Name & Phone
Name of Operator: <i>Texaco E &amp; P Inc.</i>		<i>Dallas C. Bennett</i>
Address: <i>P.O. Box 1629</i>		No: <i>307-352-5117</i>
<i>City Rock Springs</i>	State: <i>WY</i> Zip: <i>82902</i>	Fax: <i>307-35205180</i>
API Number: <i>107 05096</i>		
Well Name: <i>Henry-Dennis</i>	Number: <i>2</i>	
Location (QtrQtr, Sec, Twp, Rng, Meridian): <i>NW-NW 1/4 Section #17, T6N - R86W, 6th P.M.</i>		
County: <i>Routt</i>	Federal, Indian or State lease number: <i>007903</i>	
Field Name: <i>Tow Creek</i>	Field Number:	

Complete the Attachment Checklist

Wellbore Diagram	Oper	OGCC
Cement Job Summary	X	
Wireline Job Summary		

Notice of Intent to Abandon       Notice of Intent to Abandon

**Background for Intent Only**

Reason for abandonment:	<input type="checkbox"/> Dry	<input type="checkbox"/> Production sub-economic	<input type="checkbox"/> Mechanical problems	<input checked="" type="checkbox"/> Other
Casing to be pulled:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	Top of casing cement:	
Fish in hole:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	If yes, explain details below:	
Wellbore has uncemented casing leaks:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	If yes, explain details below:	

*Texaco drilled this well in 1927 and P & Aed it in 1934. All casing was pulled except 29' of 15-1/2" conductor, 279' of 10.0" casing, and 668" of 8-1/4" casing. The well shows signs of a small oil leak through a cement plug at the surface. Texaco will attempt to drill out the original cement plugs and re-plug the well bore. Please see attached proposed procedure.*

**Current and Previously Abandoned Zones**

Formation	Perforations	Date	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth

**Casing History**

Casing String	Size	Cement Top	Stage Cement Top

**Plugging Procedure for Intent and Subsequent Report**

1. CIBP #1 Depth \_\_\_\_\_ CIBP #2 Depth \_\_\_\_\_ IBP #3 Depth \_\_\_\_\_ NOTE: Two (2) sacks cement required on all CIB

2. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. to  Casing  Open Hole  Annulus

3. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. to  Casing  Open Hole  Annulus

4. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. to  Casing  Open Hole  Annulus

5. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. to  Casing  Open Hole  Annulus

6. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. to  Casing  Open Hole  Annulus

7. Perforate and squeeze @ \_\_\_\_\_ ft. with \_\_\_\_\_ SKS Leave at least 100 ft. in casing

8. Perforate and squeeze @ \_\_\_\_\_ ft. with \_\_\_\_\_ SKS Leave at least 100 ft. in casing

9. Perforate and squeeze @ \_\_\_\_\_ ft. with \_\_\_\_\_ SKS Leave at least 100 ft. in casing

10. Set \_\_\_\_\_ SKS 1/2 in 1/2 out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

11. Set \_\_\_\_\_ SKS @ surface

Cut 4 feet below ground level, weld on plate      Dry-Hole Marker  No  Yes

Set \_\_\_\_\_ SKS in rat hole      Set \_\_\_\_\_ SKS in mouse hole

**Additional Plugging Information for Subsequent Report Only**

Casing recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ in. casing      Plugging date: \_\_\_\_\_

\*Wireline contractor: \_\_\_\_\_

\*Cementing contractor: \_\_\_\_\_

Type of cement and additives used: \_\_\_\_\_

\*Attach job summaries. \_\_\_\_\_

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name Dallas C. Bennett

Signed *Dallas C. Bennett* Title: Production Supervisor Date: 07/07/99

OGCC Approved: *Dallas C. Bennett* Title: NWAE Date: 8-30-99

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

## Henry – Dennis #2 Plug and Abandonment Procedure



1. Set and test rig anchors.
2. Excavate dirt from around abandoned well. Attempt to remove cement cap from well. Only 15-1/2" pipe set at 29' remains in this well at surface. The 10" and 8-1/4" casing were removed with stumps at 586' and 1,312'.
3. MIRUSU and Power swivel, Pump, Pit and Tanks. Load tanks with fresh water. Float 3,000 feet of 2-7/8" 6.5 #/ft, EUE work string.
4. PU <sup>3 3/4</sup> 9-1/2" rock bit, sub, and 3-1/2" DC. If surface cap successfully removed, wash in old hole to cement plug at 900'. If cap remains in 15-1/2" conductor pipe, drill cement plug from 15-1/2" pipe and wash to cement plug at 900'. Circulate hole clean. Rotate through hole to ensure maximum diameter is achieved.

*NOTE: Pressure may be trapped below cement plugs. Clear rig floor while drilling plug. Personnel to be on floor during connection only.*

*The 10" pipe was ripped at 586'. There is 279' of 10" pipe remaining from 586' – 865'. Ripped pipe will have a jagged, rough edge looking up.*

*A 60/40 Lead / Zinc thread compound is recommended for drilling with the EUE connections.*

5. Rack 850' of <sup>7"</sup> ~~8-5/8"~~ <sup>LX</sup> 24#, STC (any connection is sufficient) pipe. RU casing crew, and run 850' of pipe to TD as follows:
  - <sup>7"</sup> ~~8-5/8"~~ Cut off joint (if available)
  - Float Collar
  - <sup>7"</sup> ~~8-5/8"~~ pipe to surface
6. RU Dowell and cement pipe to surface using 350 sacks of class G cement.
7. Weld <sup>7"</sup> 11", 2,000 psi SOW wellhead on ~~8-5/8"~~ pipe (Wellhead is on hand material at Cameron). A 2K DSA will be needed to mate wellhead to BOP. ( NOTE: Hot Work Permit will be needed before welding)
8. NU 3,000 psi, double gate BOP loaded with 2-7/8" pipe / blind rams.
9. TIH with <sup>2 5/8</sup> 7" bit, sub, (8) 3-1/2" drill collars, xo, on 2-7/8" tubing. Tag cement, drill cement, float collar and cement to bottom of 8-5/8" casing. Pressure test casing to 1000 psi.

10. Drill casing shoe and cement plug from 900' -920'. Circulate hole clean.
11. Wash down old wellbore to 8-1/4" casing stump at 1,312'. *(This stump was left after the casing parted in a recovery attempt. The part is believed to be in a coupling.)*  
Enter the 8-1/4" casing with 7" bit and wash to 1,980' *(Shoe depth of 8-1/4" casing)*.  
*6 1/4*
12. Enter open hole with ~~7"~~ *6 1/4"* bit at 1,980' *(Open hole is believed to be 8-5/8")*. Wash open hole to cement plug at 2,000'. Drill up the 10 sack cement plug from 2,000' to 2,025'. Continue to wash to bottom of 8-5/8" hole at 2,527'. Rotate and circulate hole from 1,980' to new PBTD to clean hole. Circulate hole for clean returns. TOOH with tubing, LD drill collars, sub and bit.

*NOTE: The first oil and gas show seen in this well is at 2,515'.*

*If difficulty is encountered entering the 8-5/8" hole at 1,980', or removing the cement plug at 2,000' continue to step 13 and plug and abandon well from this point.*

13. TIH with 2-7/8" tubing with saw toothed collar to new PBTD (2,527').
14. MIRU Dowell. Mix and pump 1,150 sacks of G cement by spotting 250' continuous plugs from PBTD to surface. While PUH with tubing, pull through cement plugs slowly, allowing cement to fall from tubing.

*NOTE: Drilling records indicate gravel, sand and shale intervals from surface to 880' and only shale from 880' to 2,527'.*

15. ND BOP, RDMOSU. Order redimix cement if necessary to top off casing and annulus. Clear location, cut off wellhead and erect P&A marker as per landowner and COGCC. Reclaim location soil if necessary, re-contour to natural terrain and seed.

Section 17, T6N - R86W  
802' FNL & 220' FWL  
Rolett county, CO

Status Plugged and Abandon

Elevations  
K.B.  
G.L. 6459'

WELBORE DIAGRAM

