

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



FOR OGCC USE ONLY  
RECEIVED  
OCT 1 - 1999  
OIL & GAS CONS. COM.  
ET OE PR ES  
24 hour notice required, contact

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  
Name of Operator: Texaco E & P Inc.  
Address: P.O. Box 1629  
City: Rock Springs State: WY Zip: 82902  
API Number: 107-45096  
Well Name: Henry-Dennis Number: 2  
Location (Qtr, Sec, Twp, Rng, Meridian): NW-NW 1/4 Section #17, T6N - R86W, 6th P.M.  
County: Routt Federal, Indian or State lease number: 007903  
Field Name: Tow Creek Field Number:

Complete the Attachment Checklist  
Oper OGCC  
Wellbore Diagram X  
Cement Job Summary  
Wireline Job Summary

☒ Notice of Intent to Abandon

☐ Notice of Intent to Abandon

Background for Intent Only

Reason for abandonment: ☐ Dry ☐ Production sub-economic ☐ Mechanical problems ☒ Other  
Casing to be pulled: ☒ No ☐ Yes Top of casing cement:  
Fish in hole: ☒ No ☐ Yes If yes, explain details below:  
Wellbore has uncemented casing leaks: ☐ No ☐ 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
29'	16"	none	none
12'	9-5/8"	4' below surface	none
210'	7"	10' below surface	12' below surface

Plugging Procedure for Intent and Subsequent Report

1. CIBP #1 Depth 350 sks cmt from 615 ft. to 400' ft. to  
2. Set 50 sks cmt from 260 ft. to 300' + - ft. to  
3. Set 75 sks cmt from 191' ft. to surface ft. to  
4. Set sks cmt from ft. to ft. to  
5. Set sks cmt from ft. to ft. to  
6. Set sks cmt from ft. to ft. to  
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  
Set N/A SKS in rat hole Set N/A SKS in mouse hole  
Dry-Hole Marker ☒ No ☐ Yes  
NOTE: Two (2) sacks cement required on all CIB

Additional Plugging Information for Subsequent Report Only

Casing recovered: ft. of in. casing Plugging date: 9/23/99  
\*Wireline contractor: Weatherford Wire Line  
\*Cementing contractor: Halliburton  
Type of cement and additives used: "G" with 1/4 lb/sx cellophane flakes, and 3% CaCl  
\*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 [Signature] Title: Production Supervisor Date: 09/29/99

OGCC Approved: [Signature] Title: NWAE Date: 2-22-02

CONDITIONS OF APPROVAL, IF ANY:



Well Name: Henry-Dennis #2  
Area/Property Number:  
API #: none  
State: Colorado  
Location: Tow Creek Field, Routt County

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OIL & GAS CONS. COM.

Texaco WI:  
Appropriation:  
Job Number: FRSID #003/55910103, RFD, 2602.01 Type 11  
Commencement Date: 9/7/99  
Contractor: Key



Objective of Workover: Reenter and plug old well bore  
Producing Formation: Kelly Bushing is 7'  
Current Perforations:  
Production before Workover:

9/8/99 PO MIRUSU  
Sum Held safety meeting. NUBOPE on 5" casing. RIH to 7 feet with 2-1/4" flat bottom mill on 1 joint 1-1/4" drill pipe. Milled out gunny sack, wood, wire cable, and gravel to 15 feet KB. Fell through 3 feet and continued milling to 27 feet KB. Started getting green oil in the returns and slight gas blow. TOO H and mill was worn out. Rig down drilling equipment. Laid rig down. Dug out around 5" casing with backhoe to conductor pipe 8 feet from surface. 5" casing was cemented into the 16" conductor with 2 sx cement. SIFN

a) \$43,400 s) \$ b) \$

9/9/99 PO Jack hammer cement out of annulus.  
Sum Held safety meeting. Pulled 5" casing out of cement with backhoe. Oil started flowing. Sucked up approximately 4 bbls with vac truck and well went dead. Chipped cement out of 16" casing with jack hammer. Inserted 8' of an 18' piece of 9-5/8" casing into the 16" casing. Installed a 4' by 7' culvert around casings and filled with redi-mix. Approximately 5 yards. WOC SIFN

a) \$43,400 s) \$7,000 b) \$36,400

9/10/99 PO Clean out more rope and wood  
Sum Held safety meeting. RU service unit and install BOPE. RU drilling equipment. Pick up 8 3/4" rock bit & 1-4 1/16" DC, drill ready-mix cement at surface. PU 1 more 4 1/16" DC, 2 7/8 tbg. and run to hard spot @ 91'. Returning burlap, rope and wood. Clean open hole to 95' POOH SIFN  
A) \$43,400 s) \$7,000 b) \$36,400



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9/11/99	PO	No activity - SI for weekend
	Sum	Safety Meeting - RIH with 8 3/4 " bit, 2 - 4 1/16" DC's and tbgs. to 95'. Drill up wood and rope in open hole. Fell through @ 100', green oil show under junk. Ream and push remaining junk to 160'. Drill wood from 160' to 165' and fell through. Push to 227'. Small amount of oil showing in returns from 100' POOH. Hole drank 425 B.W. SI for weekend a) \$43,000                      s) \$7,000                      b) \$36,400
9/12/99	PO	No activity SI for weekend
	Sum	No activity
9/13/99	PO	Continue to clean out junk
	Sum	No activity
9/14/99	PO	Wait on orders (WOO)
	Sum	TIH with 8-3/4" bit to 200'. Redrilled to 227' circulating down tubing. No cuttings coming back. Tried to reverse circulate and plugged the bit and D.C. twice. Retrieved shale and gravel from D.C. Evidence that hole is sloughing. Collars were sticking and hard to pull out of hole. TOH and SIFN. WOO.
9/15/99	PO	Run 7" casing
	Sum	Prepare tools to run casing. Paid 8 hrs. standby. Couldn't get cement today. Didn't want to run casing until cement was available.
9/16/99	PO	Cement casing
	Sum	Held safety meeting. Picked up and run in hole with 210' (5 jts) 7" O.D. 20# ST&C casing. Mixed and pumped 500 sacks G cement with 1/4 lbs. Cello flakes per sack. Pumped at 1 bpm down the 7" - 9-5/8" annulus at 1 bpm. Saw some returns up the 7" during the first 125 sacks, but nothing after that. Annulus didn't go on a vacuum, but cement fell away. Maximum pump pressure was 60 psi and ISIP was 30 psi. WOC for 4 hours. Performed pump in test on the annulus. Pumped in 1-1/2 BPM at 250 psi. SIFN.
9/17/99	PO	NDBOPE off 9-5/8, NUBOPE on 7".
	Sum	Held safety meeting. Rigged up Dowell. Pumped 200 sx 50-50 poz with 2% gel and 1/2 lb/sx cello-flakes down the 7" casing at 1-2 bpm. Had partial returns (water) up the annulus during the first 150 sx. Annulus sealed off and pressure went to 250 psi. Paused 10 minutes and pumped 50 more sx of the same cement at 1/2 bpm and 250 psi. Displaced with 6.7 BW. ISIP was 250 psi and total cement pumped was 250 sx. SIFN and WOC.





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9/18/99 PO Shut down for weekend  
Sum Held safety meeting. 50 psi on casing. ) psi on annulus. TIH with 2 drill collars and 6-1/4" bit. Tagged cement at 190'. Drilled out cement and guide shoe. Continued drilling on wood and rubber to 250'. Fell through and drilled down to 416' mud and shale as returns. Cannot reverse circulate because of bit plugging problems. Pulled bit and collars back into the 7" casing and SIFN. **Spent \$42,206**

9/19/99 PO No activity  
Sum No activity

9/20/99 PO Continue drilling  
Sum No activity

9/21/99 PO TIH to drill  
Sum TIH to 386' ream to 416'. Blew hose on pump. Shut down 2 hours for repairs. Circulate and reamed to 448'. Tried to reverse circulate to help clean hole. Kept plugging the bit. Continued circulating conventionally, but not getting good returns. TOH and laid down drill collars. TIH with tubing and notched collar. Returned a lot of shale chunks. Had to redrill from 398' to 450'. Appears that hole is sloughing. TOH SIFN

9/22/99 PO Perforate tubing at 615'.  
Sum No pressure on well. Held safety meeting. TIH w/ 6-1/4" bit and stacked out at 400'. Rigged up power swivel and started circulating and rotating down. Getting good water returns, and no oil, but very few cuttings. Circulating through the tubing. Recipicating tubing as we go. Drilled to 619' and hit something hard. Drilled approximately 1 hour and made nothing. Circulated hole 15 more minutes and made a connection. After connection couldn't circulate, but pipe still free. Bit plugged. Rigged down power swivel. SIFN

9/23/99 PO Tag cement top in 7" casing  
Sum Rig up wireline. RIH and perforated 2-7/8" tubing with 4 shots at 615'. Rigged up Halliburton and established rate with water of 2-1/2 BPM at 550 psi. Mixed and pumped 350 sx "G" cement. Good returns through out, but no cement to surface. TOO H with tubing and WOC for 4 hours. TIH and tagged green cement top at 400'. Pulled up to 260' and set a 50 sx balanced plug, containing 3% CaCl. WOC 3 hours. TIH to 260'. No cement. Pulled up to 191', mixed and pumped 75 sx "G" cement with 3% CaCl and 1/4#/sx cello-flakes. Good cement returns to surface. Rigged down Halliburton. Laid down tubing. SIFN WOC

9/24/99 PO Haul drill cuttings to Wilson Creek



Sum Tagged cement top at 10' from surface. RDMOSU. NDBOPE. Cut off casing and seal-welded 9-5/8" casing. (7" cut off deeper in side 9-5/8") Welded on flat ID plate and buried. Cleaned out flat tank and hauled off casing and tubing. Hauled all equipment off location and dressed Point of Diversion (NW-NE ¼ Section 1, T27N - R107W up location with backhoe. Final report.



## Cementing Service Report

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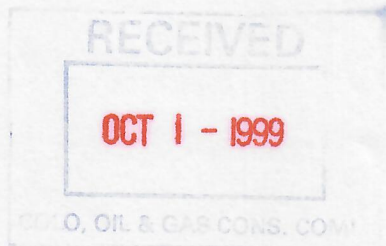
Customer				Job Number			
TEXACO EXPL & PROD INC.				20124192			
Well		Location (legal)		Dowell Location		Job Start	
HENRY DENNIS #2 #2		SEC17 T6N R86W		Vernal, UT		9/15/99	
Field		Formation Name/Type		Deviation		Bit Size	
HENRY DENNIS				0 °		0 in	
County		State/Province		Well MD		Well TVD	
ROUTT		COLO		240 ft		210 ft	
Rig Name		Drilled For		BHP		BHST	
		Gas		0 psi		0 °F	
Offshore Zone		Well Class		BHCT		Pore Press. Gradient	
		Old		0 °F		0 psi/ft	
Well Type		Service Via		Casing/Liner			
Development		Land					
Drilling Fluid Type		Max. Density		Depth, ft		Size, in	
		0 lb/gal		210		7	
Service Line		Plastic Viscosity		Weight, lb/ft		Grade	
Cementing		0 cp		20		N80	
Job Type		WellHead Connection		Thread			
Cem Top Outside Case		2" REG		N/A			
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Tubing/Drill Pipe			
200 psi		0 psi					
Service Instructions		WellHead Connection		Depth, ft		Size, in	
CEMENT IN 7" CASE DOWN BACK SIDE WITH +/- 500 SKS 102 BBL G CEMENT AT 15.8 PPG [YIELD 1.15] [H2O 4.97] 125 # D29 ON SIDE		2" REG		0		0	
				Weight, lb/ft		Grade	
				0		0	
				Thread			
				0			
				Perforations/Open Hole			
				Top, ft		Bottom, ft	
				0		0	
				spf		No. of Shots	
				0		0	
				Total Interval			
				0 ft			
				Diameter			
				0 in			
				Treat Down		Displacement	
				Annulus		1 bbl	
				Packer Type		Packer Depth	
						0 ft	
				Tubing Vol.		Casing Vol.	
				0 bbl		6 bbl	
				Annular Vol.		Open Hole Vol	
				0 bbl		0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools			
Lift Pressure: 119 psi				Shoe Type: Guide			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 240 ft			
No. Centralizers: 0		Top Plugs: 0		Squeeze Job			
Bottom Plugs: 0		Tool Type:					
Cement Head Type:		Stage Tool Type				Tool Depth: 0 ft	
Job Scheduled For:		Stage Tool Depth: 0 ft				Tail Pipe Size: 0 in	
Arrived on Location: 9/15/99 8:00		Leave Location: 9/15/99 13:00				Tail Pipe Depth: 0 ft	
						Collar Type:	
						Collar Depth: ft	
						Sqz Total Vol: 0 bbl	
Time							
24 hr clock							
Cum/Vol							
bbl							
Density							
PPG							
Elapsed Time							
min							
Pressure							
psi							
TotFlowrate							
bpm							
Message							
9:20 0 0 0 0 0 0 0 START ACQUISITION							
9:20 0 0 0 0 0 0 0 START EDT							
9:20 0 0 0 0 -3830 0 0 PRE JOB MEETING							
9:20 0 0 0 0 -3830 0 0 Pressure Test Lines							
9:21 0 0 0 0 -3830 0 0 START WATER AHEAD							
9:22 .1184 8.376 2.013 4.598 0 0 0 SHUT DOWN RAMS LEAKING							
9:23 .1184 8.376 2.013 4.598 0 0 0 RESTART AFTER PAUSE							
9:24 .6222 8.4 4.026 59.78 .5832 0 0							
9:26 .6222 8.4 4.026 59.78 .5832 0 0							
9:35 2.492 8.425 3.895 27.59 0 0 0							
9:37 3.612 8.382 5.91 36.79 .5832 0 0							
9:39 4.786 8.394 7.923 45.98 .5832 0 0							
9:41 5.96 8.352 9.936 41.39 .5832 0 0							
9:43 7.133 8.376 11.95 41.39 .5832 0 0							
9:45 8.306 8.37 13.96 41.39 .5832 0 0							
9:47 9.478 8.327 15.97 45.98 .5638 0 0							
9:48 9.478 8.327 15.97 45.98 .5638 0 0							
9:49 10.65 9.591 17.99 59.78 .5832 0 0							
9:51 11.86 9.335 20 41.39 .661 0 0							
9:53 13.78 9.182 22.01 55.18 0 0 0							
9:55 13.78 9.182 22.01 55.18 0 0 0							
9:55 16.32 9.31 24.03 18.39 3.985 0 0 PRIM PUMP							



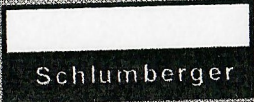
Well			Field			Service Date		Customer	Job Number
HENRY DENNIS #2 ##2			HENRY DENNIS					TEXACO EXPL & PROD INC	20124192
Time	CumVol	Density	Elapsed Time	Pressure	TotFlowrate	Message			
24 hr clock	bbt	ppg	min	psi	bpm				
9:57	16.32	9.31	24.03	18.39	3.985	0	0	Start Mixing Lead Slurry	
9:57	20.6	10.04	26.04	9.197	0	0	0		
9:59	22.26	9.591	28.06	78.17	.5249	0	0		
10:01	23.32	12.28	30.07	50.58	.5249	0	0		
10:03	24.39	15.09	32.08	32.19	.5443	0	0		
10:06	25.88	15.96	34.1	32.19	1.05	0	0		
10:08	28.02	15.34	36.11	32.19	1.05	0	0		
10:10	30.16	15.04	38.12	22.99	1.069	0	0		
10:12	32.29	15.35	40.13	22.99	1.069	0	0		
10:14	34.43	15.45	42.15	18.39	1.069	0	0		
10:16	36.62	15.34	44.16	22.99	1.38	0	0		
10:18	39.49	14.66	46.17	18.39	1.691	0	0		
10:20	42.76	14.09	48.19	32.19	1.536	0	0		
10:22	45.83	15.1	50.2	22.99	1.516	0	0		
10:24	48.91	14.72	52.21	36.79	1.516	0	0		
10:26	51.98	15.26	54.23	50.58	1.536	0	0		
10:28	55.06	15.66	56.24	36.79	1.536	0	0		
10:30	58.13	15.8	58.25	27.59	1.516	0	0		
10:32	61.21	16.14	60.27	18.39	1.536	0	0		
10:34	64.28	16.39	62.28	36.79	1.536	0	0		
10:36	67.36	15.7	64.29	22.99	1.516	0	0		
10:38	70.43	15.48	66.31	64.38	1.516	0	0		
10:40	73.51	15.38	68.32	22.99	1.536	0	0		
10:42	76.58	15.78	70.33	50.58	1.516	0	0		
10:44	79.66	15.84	72.35	96.57	1.516	0	0		
10:46	82.73	15.08	74.36	22.99	1.536	0	0		
10:48	85.81	16.32	76.37	22.99	1.516	0	0		
10:50	88.98	15.97	78.39	22.99	1.108	0	0		
10:52	92.12	15.63	80.4	55.18	1.711	0	0	DENSITY CHECK 15.7	
10:54	95.62	15.54	82.42	22.99	1.886	0	0		
10:56	99.87	12.32	84.43	110.4	2.313	0	0		
10:58	104.5	15.31	86.44	87.37	2.313	0	0		
11:00	106.8	13.35	88.46	22.99	0	0	0		
11:02	107.7	12.25	90.47	13.8	1.614	0	0		
11:04	110.9	12.86	92.48	55.18	1.302	0	0		
11:06	111.7	10.36	94.49	27.59	0	0	0		
11:08	112.5	13.5	96.51	64.38	1.575	0	0		
11:10	114.7	12.23	98.52	32.19	0	0	0		
11:12	115	12.06	100.5	45.98	1.497	0	0		
11:14	116.4	11.47	102.5	27.59	0	0	0		
11:16	118.6	15.48	104.6	78.17	1.458	0	0		
11:18	121.5	16.45	106.6	32.19	1.439	0	0		
11:20	124.4	15.61	108.6	55.18	1.439	0	0		
11:22	127.3	14.87	110.6	91.97	1.477	0	0		
11:24	129.9	13.41	112.6	68.98	1.38	0	0		
11:26	132.7	15.96	114.6	27.59	1.38	0	0		
11:28	135.4	16.34	116.6	13.8	1.38	0	0		
11:30	138.3	15.68	118.7	27.59	1.458	0	0		
11:32	141.6	15.63	120.7	27.59	1.614	0	0		
11:34	144.9	15.37	122.7	32.19	1.711	0	0		
11:36	148.3	16.14	124.7	78.17	1.73	0	0		
11:38	151.8	14.19	126.7	32.19	1.73	0	0		
11:40	155.2	14.05	128.7	18.39	1.575	0	0		
11:42	156.7	9.188	130.7	18.39	0	0	0		



Well <b>HENRY DENNIS #2 ##2</b>			Field <b>HENRY DENNIS</b>			Service Date		Customer <b>TEXACO EXPL &amp; PROD INC</b>		Job Number <b>20124192</b>					
Time 24 hr clock	CumVol bbl	Density ppg	Elapsed Time min	Pressure psi	TotFlowrate bpm			Message							
11:44	157.3	9.457	132.7	22.99	1.536	0	0								
11:46	160.7	14.8	134.8	96.57	1.711	0	0								
11:48	164.2	14.87	136.8	13.8	1.711	0	0								
11:50	167.6	16.31	138.8	27.59	1.711	0	0								
11:52	171.2	14.54	140.8	27.59	1.691	0	0								
11:54	174.7	15.53	142.8	18.39	1.711	0	0								
11:56	177	14.31	144.8	91.97	1.73	0	0								
11:57	1771	14.31	144.8	91.97	1.73	0	0	Start Displacement							
11:58	178.1	14.31	144.8	91.97	1.73	0	0	STOP EDT							
<b>Post Job Summary</b>															
Average Pump Rates, bpm						Volume of Fluid Injected, bbl									
Slurry		N2		Mud		Maximum Rate		Total Slurry		Mud		Spacer		N2	
1.5		0		0		2.5		161		0		10		0	
Treating Pressure Summary, psi						Breakdown Fluid									
Maximum		Final		Average		Bump Plug to		Breakdown		Type		Volume		Density	
175		30		50		0		0				0 bbl		0 lb/gal	
Avg. N2 Percent		Designed Slurry Volume		Displacement		Mix Water Temp				<input type="checkbox"/> Cement Circulated to Surface?		Volume		0 bbl	
0 %		100 bbl		1 bbl		70 °F				<input type="checkbox"/> Washed Thru Perfs		To		0 ft	
Customer or Authorized Representative						Dowell Supervisor									
GARY CHRISTOFFERSON						Val Cook									
						<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed									

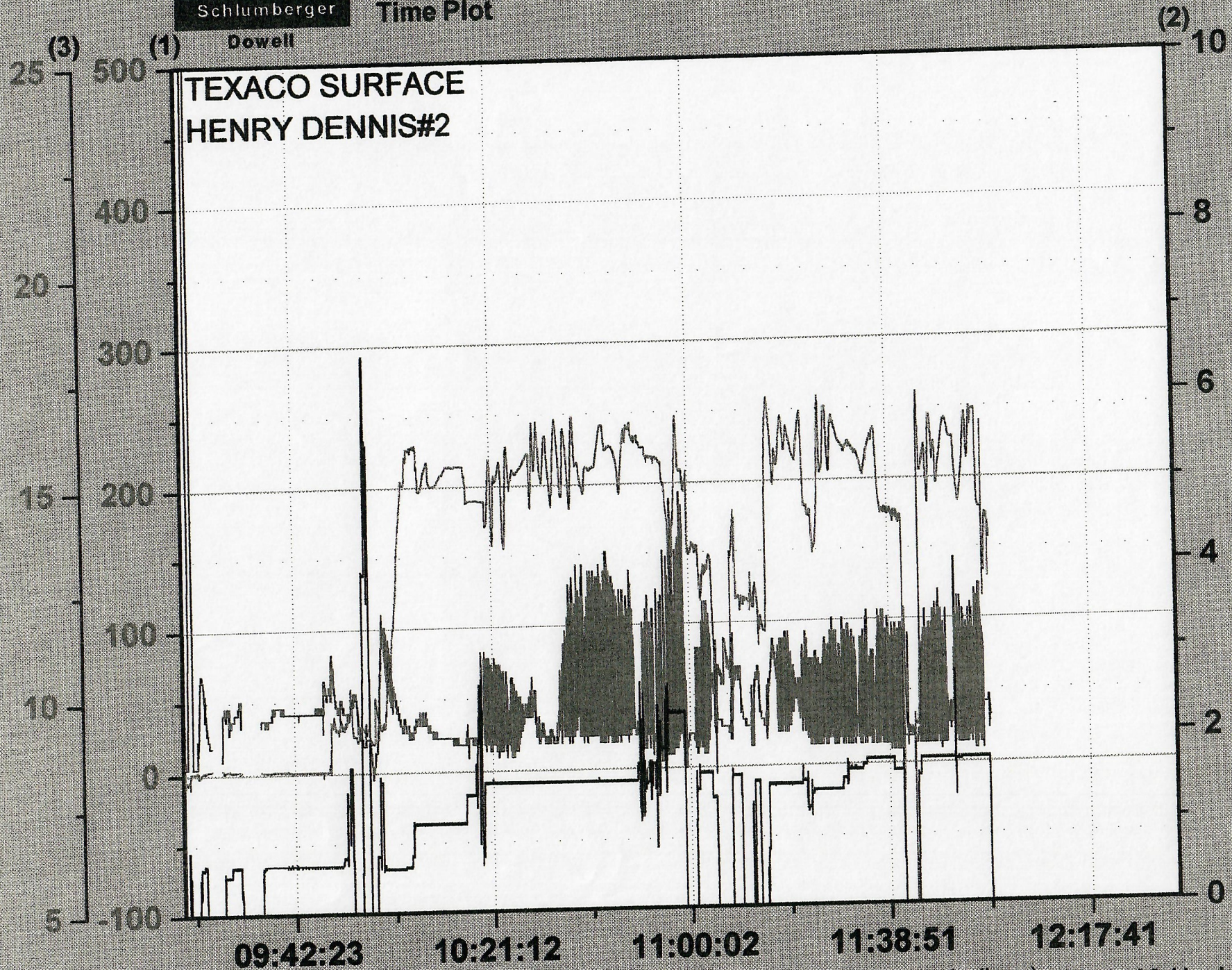






**PRISM\***  
**Time Plot**

**Dowell**



(1) Pressure (psi)

(3) Density (ppg)

(2) TotFlowrate (bpm)

\*Mark of Schlumberger



## JOB SUMMARY

ORDER NO. 70006

TICKET #

TICKET DATE

REGION	NWA/COUNTRY	BDA / STATE	COUNTY
North America	USA	Calif	Route
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	
Ver 110 121896	Don H Huber	5001	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
Harbinger 55685	Texaco		
TICKET AMOUNT	WELL TYPE	API / UWI #	
	01		
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
Harbinger Calif	5001	115	
LEASE / WELL #	SEC / TWP / RNG		
Henry Dennis #2			

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
D. Huber 121896		K. Power 11 158785					
T. Melo 122289		D. Reynolds 121480					

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
421905	300	52818-7646	300			0, OIL & GAS CONS.	000
54056-76773	300	52405-7568	300				

Form Name _____	Type: _____
Form Thickness _____	From _____ To _____
Packer Type _____	Set At _____
Bottom Hole Temp. _____	Pressure _____
Misc. Data _____	Total Depth _____

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS	
1	1.1
2	2.1
3	3.1
4	4.1
5	5.1
6	6.1
7	7.1
8	8.1
9	9.1
10	10.1
11	11.1
12	12.1
13	13.1
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32	32.1
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35	35.1
36	36.1
37	37.1
38	38.1
39	39.1
40	40.1
41	41.1
42	42.1
43	43.1
44	44.1
45	45.1
46	46.1
47	47.1
48	48.1
49	49.1
50	50.1
51	51.1
52	52.1
53	53.1
54	54.1
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57	57.1
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59	59.1
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61	61.1
62	62.1
63	63.1
64	64.1
65	65.1
66	66.1
67	67.1
68	68.1
69	69.1
70	70.1
71	71.1
72	72.1
73	73.1
74	74.1
75	75.1
76	76.1
77	77.1
78	78.1
79	79.1
80	80.1
81	81.1
82	82.1
83	83.1
84	84.1
85	85.1
86	86.1
87	87.1
88	88.1
89	89.1
90	90.1
91	91.1
92	92.1
93	93.1
94	94.1
95	95.1
96	96.1
97	97.1
98	98.1
99	99.1
100	100.1

Treat Fluid _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Prop. Type _____	Size _____	Lb. _____
Prop. Type _____	Size _____	Lb. _____
Acid Type _____	Gal. _____	% _____
Acid Type _____	Gal. _____	% _____
Surfactant _____	Gal. _____	In _____
NE Agent _____	Gal. _____	In _____
Fluid Loss _____	Gal/Lb _____	In _____
Gelling Agent _____	Gal/Lb _____	In _____
Fric. Red. _____	Gal/Lb _____	In _____
Breaker _____	Gal/Lb _____	In _____
Blocking Agent _____	Gal/Lb _____	Gal/Lb _____
Perfpac Balls _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		

	CALLER	DATE	TIME	LOCATION	STATUS
	0100	9-22-99	0630	0824	1357

#### WELL DATA

NEW/USED		WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	used	24	7"	0	210	
Liner						
Liner						
Tbg/D.P.	used	6.5	2 7/8	0	403	
Tbg/D.P.						
Open Hole			?			SHOTS/FT.
Perforations						
Perforations						
Perforations						

[illegible]

					PTA
9-22-99	12	2-22-99	1.5		25 grt Company men
TOTAL	12	TOTAL	1.5		

HYDRAULIC HORSEPOWER		
ORDERED	Avail	Used
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
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40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
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49	49	49
50	50	50
51	51	51
52	52	52
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89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

	AVERAGE RATES IN BPM	
TREATED	Disp.	Overall

FEET	CEMENT LEFT IN PIPE	Reason
1		
2		
3		
4		
5		
6		
7		
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14		
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96		
97		
98		
99		
100		

## CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	350	prem-plus	Bulk	NOAT	1.15	15.8
2	50	prem-plus	Bulk	2% CC	1.15	15.8
3	25	"	"	" 1/4% CC Plastic	1.15	15.8

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI _____	
		Total Volume Gal - BBI _____	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
--------------	--------------	--------------	--------------

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_







Dowell

## Cementing Service Report

Dowell						Customer TEXACO EXPL & PROD INC.				Job Number 3012					
<b>Well</b>  HENRY DENNIS #2 #2				<b>Location (legal)</b>  SEC17 T6N R86W		<b>Dowell Location</b>  Vernal, UT				<b>Job Start</b>  9/16/99					
<b>Field</b>  HENRY DENNIS		<b>Formation Name/Type</b>			<b>Deviation</b>  0 °		<b>Bit Size</b>  0 in		<b>Well MD</b>  240 ft		<b>Well TVD</b>  210 ft				
<b>County</b>  ROUTT		<b>State/Province</b>  COLO			<b>BHP</b>  0 psi		<b>BHST</b>  0 °F		<b>BHCT</b>  0 °F		<b>Pore Press. Gradient</b>  0 psi/ft				
<b>Rig Name</b>		<b>Drilled For</b>  Gas		<b>Service Via</b>  Land		<b>Casing/Liner</b>									
						<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>					
<b>Offshore Zone</b>		<b>Well Class</b>  Old		<b>Well Type</b>  Development		210		7		20					
						0		0		0					
<b>Drilling Fluid Type</b>				<b>Max. Density</b>  0 lb/gal		<b>Plastic Viscosity</b>  0 cp		<b>Tubing/Drill Pipe</b>							
<b>Service Line</b>  Cementing		<b>Job Type</b>  Cem Top Outside Case				0		0		0					
						0		0		0					
<b>Max. Allowed Tubing Pressure</b>  300 psi		<b>Max. Allowed Ann. Pressure</b>  0 psi		<b>Wellhead Connection</b>  2" REG		<b>Perforations/Open Hole</b>									
<b>Service Instructions</b>  CEMENT IN 7" CASE DOWN BACK SIDE WITH +/- 500 SKS 050/50 POZ						<b>Top, ft</b>		<b>Bottom, ft</b>		<b>spf</b>		<b>No. of Shots</b>		<b>Total Interval</b>	
						0		0		0		0		0 ft	
						0		0		0		0		Diameter	
						0		0		0		0		0 in	
						<b>Treat Down</b>  Annulus		<b>Displacement</b>  6.8 bbl		<b>Packer Type</b>		<b>Packer Depth</b>  0 ft			
						<b>Tubing Vol.</b>  0 bbl		<b>Casing Vol.</b>  10 bbl		<b>Annular Vol.</b>  0 bbl		<b>OpenHole Vol</b>  0 bbl			
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>						<b>1 Hole Volume Circulated prior to Cementing</b> <input type="checkbox"/>						<b>Casing Tools</b>		<b>Squeeze Job</b>	
<b>Lift Pressure:</b>  119 psi						<b>Shoe Type:</b>  Guide						<b>Squeeze Type</b>			
<b>Pipe Rotated</b> <input type="checkbox"/>						<b>Pipe Reciprocated</b> <input type="checkbox"/>						<b>Shoe Depth:</b>  240 ft		<b>Tool Type:</b>	
<b>No. Centralizers:</b>  0 <b>Top Plugs:</b> 0 <b>Bottom Plugs:</b> 0						<b>Stage Tool Type</b>						<b>Tool Depth:</b>  0 ft			
<b>Cement Head Type:</b>						<b>Stage Tool Depth:</b>  0 ft						<b>Tail Pipe Size:</b>  0 in			
<b>Job Scheduled For:</b>						<b>Collar Type:</b>						<b>Tail Pipe Depth:</b>  0 ft			
<b>Arrived on Location:</b>  9/16/99 14:30						<b>Leave Location:</b>  9/16/99 17:00						<b>Collar Depth:</b>  ft		<b>Sqz Total Vol:</b>  0 bbl	
<b>Time</b>												<b>Message</b>			
<b>24 hr clock</b>															
<b>CumVol</b>  bbl															
<b>Density</b>  ppg															
<b>Elapsed Time</b>  min															
<b>Pressure</b>  psi															
<b>ToilFlowrate</b>  bpm															
14:42 0 0 0 0 0 0 0 0												START ACQUISITION			
14:42 0 0 0 0 0 0 0 0												START EDT			
14:42 0 -.04 0 -3825 0 0 0 0												PRE JOB MEETING			
14:43 0 -.04 0 -3825 0 0 0 0												Start Mixing Lead Slurry			
14:43 0 8.715 1.009 -22.98 0 0 0 0															
14:44 0 11.55 2.019 -13.79 0 0 0 0															
14:45 1.776 12.43 3.028 78.15 1.886 0 0															
14:46 3.674 13.61 4.038 87.34 1.886 0 0															
14:47 5.575 14.14 5.047 73.55 1.905 0 0															
14:48 7.521 13.02 6.056 73.55 1.963 0 0															
14:49 9.516 13.18 7.065 59.76 1.983 0 0															
14:50 11.51 12.32 8.073 45.97 1.983 0 0															
14:51 13.51 12.95 9.08 45.97 1.983 0 0															
14:52 15.5 13.02 10.09 45.97 2.002 0 0															
14:53 17.49 13.13 11.09 36.78 1.983 0 0															
14:54 19.49 12.71 12.1 50.57 1.963 0 0															
14:55 21.48 11.86 13.11 64.36 1.983 0 0															
14:56 23.47 12.84 14.11 59.76 1.983 0 0															
14:57 25.46 12.29 15.12 73.55 1.983 0 0															
14:58 27.46 12.91 16.13 64.36 1.983 0 0															
14:59 29.45 12.91 17.13 50.57 1.983 0 0															



Well			Field			Service Date		Customer	Job Number
HENRY DENNIS #2 #22			HENRY DENNIS					TEXACO EXPL & PROD INC	3012
Time	CumVol	Density	Elapsed Time	Pressure	TotFlowrate			Message	
24 hr clock	bbt	ppg	min	psi	bpm				
15:00	31.45	13.02	18.14	68.95	1.983	0	0		
15:01	33.44	12.62	19.15	22.98	1.983	0	0		
15:02	35.44	13.14	20.15	32.18	1.983	0	0		
15:03	37.44	12.48	21.16	32.18	1.983	0	0		
15:04	39.45	12.48	22.17	27.58	1.983	0	0		
15:05	41.84	12.06	23.17	41.37	2.158	0	0		
15:06	44.33	11.74	24.18	27.58	2.08	0	0		
15:07	47.3	11.41	25.19	36.78	4.024	0	0		
15:08	51.02	10.32	26.19	133.3	3.966	0	0		
15:09	54.6	9.325	27.2	27.58	2.702	0	0		
15:10	57.34	8.867	28.2	64.36	2.702	0	0		
15:11	59.68	8.061	29.21	18.39	0	0	0		
15:12	59.68	8.977	30.22	22.98	0	0	0		
15:13	59.68	8.91	31.22	22.98	0	0	0		
15:14	60.15	12.7	32.23	73.55	1.73	0	0		
15:15	61.88	14.69	33.24	225.3	1.73	0	0		
15:16	63.61	12.81	34.24	193.1	1.73	0	0		
15:17	65.26	13.93	35.25	174.7	.6026	0	0		
15:18	65.95	13.62	36.26	137.9	.6998	0	0		
15:19	66.64	13.59	37.26	59.76	.6998	0	0		
15:20	67.33	13.63	38.27	156.3	.6804	0	0		
15:21	68.03	13.41	39.28	197.7	.6804	0	0		
15:22	68.72	13.4	40.28	68.95	.6804	0	0		
15:23	69.41	13.42	41.29	27.58	.6804	0	0		
15:24	70.11	13.81	42.3	32.18	.6804	0	0		
15:25	71.29	13.42	43.3	82.75	.6221	0	0		
15:26	72.49	13.31	44.31	91.94	1.536	0	0		
15:27	74.13	13.18	45.32	202.3	1.925	0	0		
15:28	76.11	13.12	46.32	32.18	1.963	0	0		
15:29	78.7	13.15	47.33	105.7	1.983	0	0		
15:30	79.54	12.91	48.33	13.79	0	0	0		
15:31	79.54	13.15	49.34	13.79	0	0	0		
15:32	79.54	13.02	50.35	0	0	0	0		
15:33	79.54	12.72	51.35	0	0	0	0	REPRIM PUMP	
15:34	79.57	12.74	52.36	18.39	.6026	0	0		
15:35	82.29	11.96	53.37	73.55	3.849	0	0		
15:36	86.04	10.51	54.37	36.78	3.732	0	0		
15:37	86.35	10.6	55.38	-27.58	0	0	0		
15:38	86.35	10.64	56.39	0	0	0	0		
15:39	86.46	10.68	57.39	68.95	.4362	0	0		
15:40	87.51	10.4	58.4	234.4	1.302	0	0		
15:41	88.82	12.24	59.41	262	1.302	0	0		
15:42	89.64	11.32	60.41	289.6	.6804	0	0		
15:43	90.34	13.33	61.42	252.8	.6998	0	0		
15:44	90.34	13.33	61.42	252.8	.6998	0	0	Start Displacement	
15:44	90.79	11.1	62.43	197.7	0	0	0		
15:45	91.35	11.61	63.43	179.3	.6026	0	0		
15:46	91.92	12.85	64.44	197.7	.6151	0	0		
15:47	92.72	12.93	65.45	266.6	.8108	0	0		
15:48	93.51	12.89	66.45	225.3	.7829	0	0		
15:49	94.3	12.9	67.46	271.2	.7829	0	0		
15:50	95.08	12.89	68.47	252.8	.7829	0	0		
15:51	95.87	12.91	69.47	280.4	.7549	0	0		
15:52	96.65	12.92	70.48	298.8	.7549	0	0		



Well <b>HENRY DENNIS #2 ##2</b>			Field <b>HENRY DENNIS</b>			Service Date		Customer <b>TEXACO EXPL &amp; PROD INC</b>		Job Number <b>3012</b>	
<b>Time</b>	<b>CumVol</b>	<b>Density</b>	<b>Elapsed Time</b>	<b>Pressure</b>	<b>TotFlowrate</b>	<b>Message</b>					
24 hr clock	bbl	ppg	min	psi	bpm						
15:53	97.43	12.89	71.49	294.2	.7549	0	0	SHUT DOWN			
15:54	98.21	12.89	72.49	312.6	.7829	0	0	JOP COMPLETE			
15:55	98.88	12.79	73.5	266.6	0	0	0				
15:56	98.88	12.79	73.5	266.6	0	0	0	STOP EDT			
<b>Post Job Summary</b>											
<b>Average Pump Rates, bpm</b>						<b>Volume of Fluid Injected, bbl</b>					
Slurry		N2		Mud		Maximum Rate		Total Slurry		Mud	
Spacer		N2									
1.75		0		0		3.8		75		0	
<b>Treating Pressure Summary, psi</b>						<b>Breakdown Fluid</b>					
Maximum		Final		Average		Bump Plug to		Breakdown		Type	
375		230		175		0		0			
Avg. N2 Percent		Designed Slurry Volume		Displacement		Mix Water Temp					
0 %		150 bbl		6 bbl		70 °F					
<b>Customer or Authorized Representative</b>						<b>Dowell Supervisor</b>					
GARY CHRISTOFFERSON						Val Cook					
						<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed					



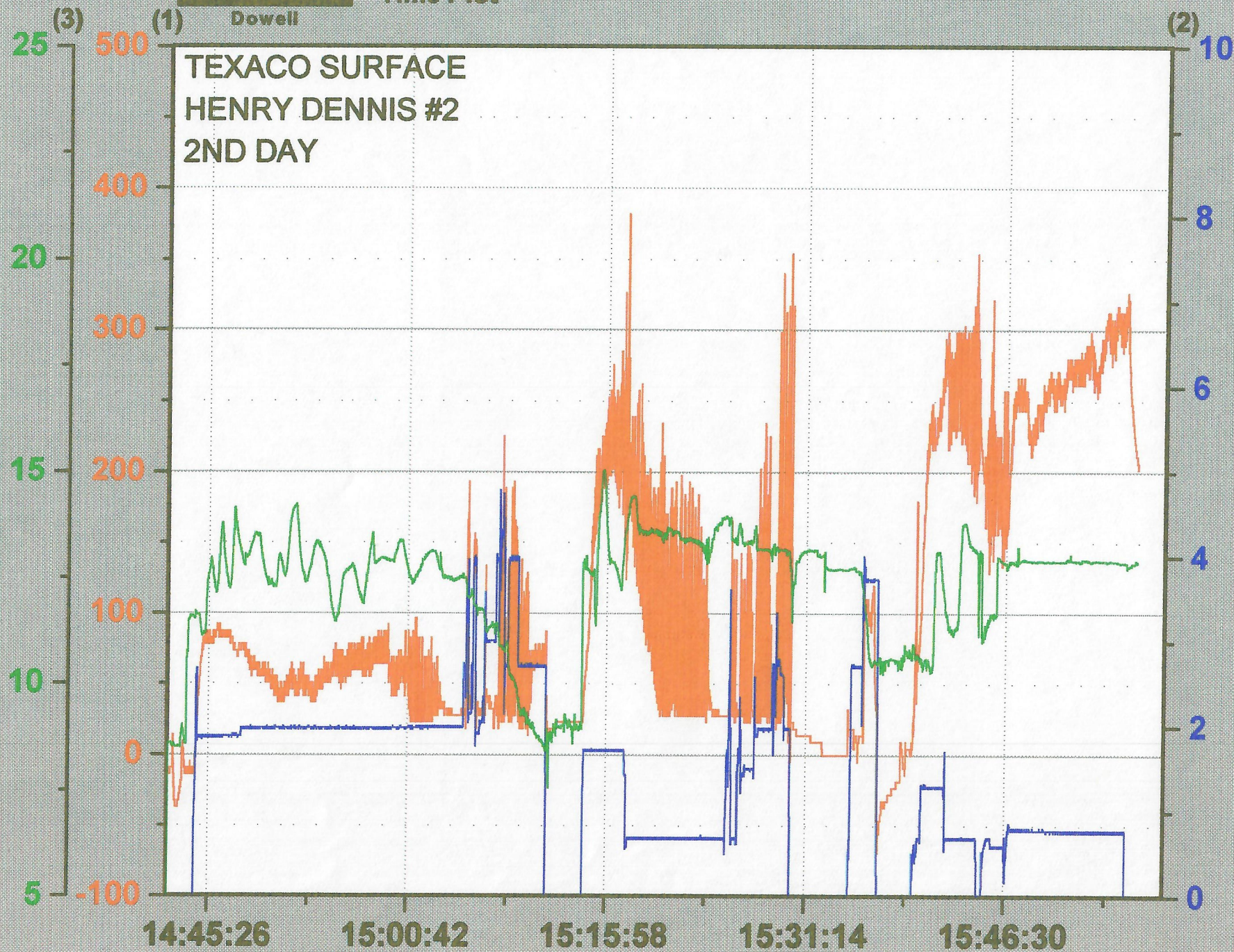


Schlumberger

PRISM\*  
Time Plot

Dowell

TEXACO SURFACE  
HENRY DENNIS #2  
2ND DAY



— (1) Pressure (psi)

— (3) Density (ppg)

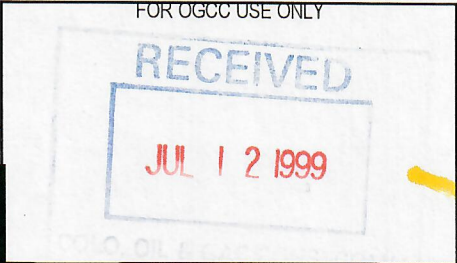
— (2) TotFlowrate (bpm)

\*Mark of Schlumberger

OCT 1 - 1999



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



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.

ET	OE	PR	ES
24 hour notice required, contact _____			
@ _____			

OGCC Operator Number: 86900	Contact Name & Phone
Name of Operator: Texaco E & P Inc.	Dallas C. Bennett
Address: P.O. Box 1629	No: 307-352-5117
City: Rock Springs	Fax: 307-35205180
State: WY	Zip: 82902
API Number: 05-107-050910	
Well Name: Henry-Dennis	Number: 2
Location (QtrQtr, Sec, Twp, Rng, Meridian): NW-NW 1/4 Section #17, T6N - R86W, 6th P.M.	
County: Routt	Federal, Indian or State lease number: 007903
Field Name: Tow Creek	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 cemnet 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 _____	_____	_____	<input type="checkbox"/> Casing <input type="checkbox"/> Open Hole <input type="checkbox"/> Annulus
3. Set _____	_____	_____	<input type="checkbox"/> Casing <input type="checkbox"/> Open Hole <input type="checkbox"/> Annulus
4. Set _____	_____	_____	<input type="checkbox"/> Casing <input type="checkbox"/> Open Hole <input type="checkbox"/> Annulus
5. Set _____	_____	_____	<input type="checkbox"/> Casing <input type="checkbox"/> Open Hole <input type="checkbox"/> Annulus
6. Set _____	_____	_____	<input type="checkbox"/> Casing <input type="checkbox"/> Open Hole <input type="checkbox"/> Annulus
7. Perforate and squeeze @ _____	_____	SKS	Leave at least 100 ft. in casing
8. Perforate and squeeze @ _____	_____	SKS	Leave at least 100 ft. in casing
9. Perforate and squeeze @ _____	_____	SKS	Leave at least 100 ft. in casing
10. Set _____	SKS 1/2 in 1/2 out surface casing from _____	_____	ft. to _____
11. Set _____	SKS @ surface		
Cut 4 feet below ground level, weld on plate		Dry-Hole Marker	<input type="checkbox"/> No <input type="checkbox"/> 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 \_\_\_\_\_ Title: Production Supervisor Date: 07/07/99

OGCC Approved: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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 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 8-5/8", 24#, STC (any connection is sufficient) pipe. RU casing crew, and run 850' of pipe to TD as follows:
  - 8-5/8" Cut off joint (if available)
  - Float Collar
  - 8-5/8" pipe to surface
6. RU Dowell and cement pipe to surface using 350 sacks of class G cement.
7. Weld 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 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)*.
12. Enter open hole with 7" 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.