

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



FOR OGCC USE ONLY

RECEIVED

OCT 1 - 1999

OIL & GAS CON. COM.

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
Name of Operator: Texaco E & P Inc.
Address: P.O. Box 1629
City: Rock Springs State: WY Zip: 82902
API Number: 05107052160000
Well Name: Henry-Dennis Number: 5
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:
Field Name: Tow Creek Field Number: 83180

@

Complete the
Attachment Checklist

Oper OGCC

Wellbore Diagram X
Cement Job Summary
Wireline Job Summary

X Notice of Intent to Abandon

Notice of Intent to Abandon

Background for Intent Only

Reason for abandonment: Dry Production sub-economic Mechanical problems X Other
Casing to be pulled: X No Yes Top of casing cement:
Fish in hole: X No Yes If yes, explain details below:
Wellbore has uncemented casing leaks: No Yes If yes, explain details below:
Details: Texaco drilled well in 1928, but Sundance Oil Company produced the well until they abandon it in 1974. Gas is leaking up through the ground in the area of the abandoned well. It appears that one of the cement plugs is leaking, and needs to be repaired. Please reference the attached proposed re-abandonment procedure for details.
Note: Known details on this well bore are very brief. NO CASING WILL BE PULLED.

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
0-30'	15-1/2"	None	
0-390'	12-1/2"	322'	
0-2606'	8-1/4"	2550'	

Plugging Procedure for Intent and Subsequent Report

1. Retainer #1 Depth 2100' Retainer #2 Depth 950' Retainer #3 Depth 335' NOTE: Two (2) sacks cement required on all CIB
2. Set 250 SKS cmt from 2100' ft. to 2606' ft. to X Casing Open Hole Annulus
3. Set 200 SKS cmt from 2100' ft. to 1460' ft. to X Casing Open Hole Annulus
4. Set 390 SKS cmt from 950' ft. to 918' ft. to X Casing Open Hole X Annulus
5. Set 260 SKS cmt from 335' ft. to surface ft. to Open Hole X Annulus
6. Set 85 SKS cmt from 180' ft. to surface ft. to X Casing Open Hole Annulus
7. Perforate and squeeze @ 2100' ft. with 450 SKS Leave at least 100 ft. in casing
8. Perforate and squeeze @ 1000' ft. with 390 SKS Leave at least 100 ft. in casing
9. Perforate and squeeze @ 403' ft. with 345 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 75 SKS @ surface
Cut 4 feet below ground level, weld on plate Dry-Hole Marker X No Yes
Set N/A SKS in rat hole Set N/A SKS in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing recovered: None ft. of in casing Plugging date: 9/3/99
*Wireline contractor: Cutter's Wireline Service
*Cementing contractor: Halliburton
Type of cement and additives used: "G"
*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 D C Bennett Title: Production Supervisor Date: 09/29/99

OGCC Approved: Title: NWAS Date: 6-26-01

CONDITIONS OF APPROVAL, IF ANY:

Well Name: Henry Dennis #5

Area/Property Number:

API #:

State: Colorado

Location:



Texaco WI:

Appropriation:

FRSID: 003000045910103

Job Number: 2602.01 RFD Type 11

Commencement Date: 8/26/99

Contractor: Key Energy

Objective of Workover: Re-abandonment of well AFE \$31,800



Producing Formation:

Current Perforations:

Production before Workover:

8/27/99	PO	Wait on Rig until 8/30/99
	Sum	Dig out abandoned well head. Existing casing cap leaking gas. Install casing patch, csg. pup and flange on 8 5/8 Csg. stub. NUBOP and shut in gas leak. Well left Shut In with blind rams.
8/30/99	PO	100 psi on casing. Blew down in 1 minute.
	Sum	Held safety meeting. Tied in stand pipe, built and installed seal around 8-5/8" annulus. Backfilled cellar. MIRUSU. Rig up drilling equipment. SIFN.
8/31/99	PO	Check pressure, 100 psi. Blew down in 30 seconds.
	Sum	Held safety meeting. Set down on casing cap with 7-3/4" mill and started milling. Milled off cap and milled down into casing 2' in about 7 hours. Cutting edge on mill worn out. Laid down mill and went in hole to 35.86' KB with 4-1/2 drill collar. Stacked out. Ordered 7-5/8" bit. SIFN
		Estimjated Costs---\$25,000
9/1/99	PO	PU 7-5/8" bit and RIH to drill cement.
	Sum	Held safety meeting. Blew down well. TIH with magnet, retrieved nothing. TIH with 7-5/8" bit on 4-1/2" drill collar. Tagged cement at 35.86' KB. Drilled hard cement to 61.10 KB and fell through. Good gas blow. Circulated up nylon rope, gravel, steel, rubber, and cement. TIH to 2600' KB and tagged cement plug. Laid down one joint tubing. SIFN

9/2/99

PO Circulate well

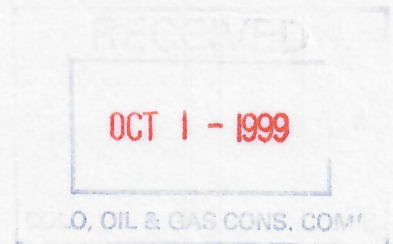
Sum Held safety meeting. Attempted to fill hole. Pumped 230 B.W. Capacity 150 BBLS. TOH. TIH with cmt. Retainer and set at 2100'. Stung out and filled hole with 117 BW. Stung back in retainer and pumped 250 sacks of "G" cement below. No pressure. Stung out and spotted 200 sacks cement on top of retainer. TOH. RU wireline and perforated 4 squeeze holes at 1000'. TIH and set retainer at 950'. Established circulation to surface between 8-1/4" and 12-1/2" annulus. Pumped 380 sacks "G" ccement, but lost circulation at 250 sacks. Stung out of retainer and placed 10 sacks on top of retainer. TOH. SIFN.

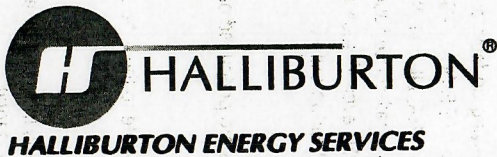
9/3/99

PO Perforate

Sum Held safety meeting. Opened well, no pressure. RU wireline and perforate casing at 403' KB. RDWL. TIH with retainer and set at 335'. Mixed and pumped 260 sx cement below retainer. Got cement to surface through annulus. Stung out and dropped 10 sx cement on top of retainer. Pulled up and placed balanced cement plug from 180' to surface with 75 sx cement. NDBOPE. Welded on ID plate 4' below surface, and backfilled cellar. RDMOSU and equipment. Started cleaning location.

Shut down for weekend. Well plugging complete. Estimated well costs: \$75,000





CHARGE TO: Texaco
ADDRESS: Copy
CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

426855 - [C]

PAGE 1 OF 1

1906-Q

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <u>Vernal W</u>	<u>5</u>	<u>Henry Dennis</u>	<u>Route</u>	<u>Co.</u>	<u>Hayden</u>	<u>9-3-99</u>	<u>Same</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME NO.	SHIPPED VIA <u>HES</u>	DELIVERED TO <u>Loc</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS	<u>01</u>	<u>02</u>	<u>115 PTA</u>	<u>See 17 T 6 N R 86 W</u>		

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
			LOC	ACCT	DF							
	000-117					MILEAGE RCM 5416A-77066	390		1	EA	365	10585
	000-119					Crew Mileage 420851	580		1	EA	215	12475
	009-019					Pump Charge 2,100'	4		4	EA	2681	2681
	045-DSO					Compurgge	1		Day	EA	760	760
	000-150					Environmental Surcharge	1		Job	EA	55	55
	000-151					Iron Safety Inspect Surcharge	1		Job	EA	33	33
	009-019					Pump Charge 400'	1		4 HR	EA	2454	2454
	504-043	OCT 1 - 1999				Drem 200 cement	1185				1424	16874
	500-307	OIL & GAS CONS.				Dump Charges Service Charge 1200 cu ft					166	1992
	500-306					Ton Mileage	8,178				125	10,222

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

X DC Munn
DATE SIGNED TIME SIGNED
☐ A.M. ☐ P.M.

☐ do ☐ do not require IPC (Instrument Protection). ☐ Not offered

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN			PAGE TOTAL
BEAN SIZE	TYPE OF EQUALIZING SUB.		CASING PRESSURE	FROM CONTINUATION PAGE(S)
DEPTH	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	Less
SPACERS	TREE CONNECTION		TYPE VALVE	Subtotal - 13,051
				APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)

HALLIBURTON OPERATOR/ENGINEER

EMP #

HALLIBURTON APPROVAL

R.G. Lux9-3-99

JOB SUMMARY

ORDER NO. 70006

TICKET #

426855

TICKET DATE

9-2-99

REGION

North America

NWA/COUNTRY

Rocky Mnt USA

BDA / STATE

Colo

COUNTY

Poudre

MBU ID / EMP #

122151

EMPLOYEE NAME

Sam Dansie

PSL DEPARTMENT

Cmt

LOCATION

Vernal

COMPANY

Texaco

CUSTOMER REP / PHONE

Dallas (307) 350-8145

TICKET AMOUNT

WELL TYPE

OI

API / UWI #

WELL LOCATION

E. Hayden

DEPARTMENT

Cent

JOB PURPOSE CODE

115 P.T.A.

LEASE / WELL #

Henry Dennis #5

SEC / TWP / RNG

S 17 T 16 N R 86 W

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

S. Dansie 122151 10

T. Mullins 126849 7

R. Powell 26 26

T. Mado 122289 3

D. Reynolds 121480 7

S. Webb 122405 10

HES UNIT NUMBERS R/T MILES HES UNIT NUMBERS R/T MILES HES UNIT NUMBERS R/T MILES HES UNIT NUMBERS R/T MILES

420851 580

54169-77016 290

52808-4420 290

52836-7646 "

52312-16441 "

OCT 1 - 1999

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

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	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
9-2-99	05:00	9-2-99	10:00	9-2-99	9-3-99
				10:50	9:30

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	8 5/8	43	8 5/8	0		
Liner						
Liner						
Tbg/D.P.	4	6.4	2 7/8	0	2100	
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations					750	
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
9-2-99	6	9-2-99	2 1/2	to provide
9-3-99	3	9-3-99		people, equipment
				and materials
				to finish well
				as instructed by
				company man
TOTAL		TOTAL		

ORDERED	HYDRAULIC HORSEPOWER	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Disp.	Overall
FEET	CEMENT LEFT IN PIPE	Reason	

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	450	Prem 300	B	NEET	1.15	15.8
2	380	Prem 300	B	NEET	1.15	15.8
3	270	"	"	"	"	"
4	75	"	"	"	"	"

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	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	242

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE

Texaco E&P 9-3-99

[illegible]

