FORM 6 Rev 12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

DE	ET	OE	ES

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 twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

COGCC Operator Number: 97810
Name of Operator: Yates Petroleum Corporation
Address: 105 South Fourth Street
City: Artesia State: NM Zip: 88210

Contact Name & Telephone
Allison Barton
No: (575) 748-4385
Fax: (575) 748-4585

24 hour notice required, contact:
Tel:

API Number 05-081-07445
Well Name: Thornburgh Unit Well Number: 2
Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW Sec 11 - T11N - R92W 6th PM
County: Moffat Federal, Indian or State Lease Number: C-67387
Field Name: Wildcat Field Number: 99999

Complete the Attachment Checklist

	Oper	OGCC
Wellbore Diagram	X	
Cement Job Summary	X	
Wireline Job Summary		

☐ **Notice of Intent to Abandon** ☒ **Subsequent Report of Abandonment**

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.931750 Longitude: ~~107.859389~~ corrected to 107.692722 per e-mail dated 2/4/10
GPS Data:
Date of Measurement: 12/05/08 PDOP Reading: 1.9 Instrument Operator's Name: Luke Kay

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems ☐ Other Kathleen Mills w/COGCC corrected it in their system - no paperwork necessary. 2/8/10
Casing to be Pulled: ☐ Yes ☒ No Top of Casing Cement:
Fish in Hole: ☐ Yes ☒ No If yes, explain details below
Wellbore has Uncemented Casing Leaks: ☐ Yes ☒ No If yes, explain details below
Details:

Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
Lower Lewis	5099'	5319'	7/20/09	CIBP w/4 sx cement	5050'
Upper Lewis	4704'	4915'	7/27/09	CIBP w/4 sx cement	4602'

Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	24"	16"	65#	60'	Redi-mix		0'
Surface	11"	8-5/8"	24#	1018'	231	1018'	0'
Production	7-7/8"	5-1/2"	17#	7625'	563	7625'	0'

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5050' with 4 sacks cmt on top. CIPB #2: Depth 4602' with 4 sx sacks cmt on top.
NOTE: Two (2) sacks cement required on all CIBPs.

Set ____ sks cmt from ____ ft. to ____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Set ____ sks cmt from ____ ft. to ____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Set ____ sks cmt from ____ ft. to ____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Set ____ sks cmt from ____ ft. to ____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Set ____ sks cmt from ____ ft. to ____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Perforate and squeeze at 1070-1072' ft. with 227 sacks Leave at least 100 ft. in casing
Perforate and squeeze at ____ ft. with ____ sacks Leave at least 100 ft. in casing
Perforate and squeeze at ____ ft. with ____ sacks Leave at least 100 ft. in casing
Set ____ sacks half in, half out surface casing from ____ ft. to ____ ft.
Set 20 sacks at surface
Cut four feet below ground level, weld on plate Dry-Hole Marker: ☒ Yes ☐ No
Set ____ sacks in rat hole Set ____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: ____ ft. of ____ in. casing Plugging date: 7/15/09
*Wireline Contractor: *Cementing Contractor: Superior
Type of Cement and Additives Used: Class "G" cement w/2% 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: Allison Barton Email: abarton@yatespetroleum.com
Signed: Allison Barton Title: Regulatory Compliance Tech Date: 8/23/09

OGCC Approved: Title: Date:
CONDITIONS OF APPROVAL, IF ANY:

SUPERIOR — JOB SUMMARY

SALES ORDER NUMBER: 44-000135	TICKET DATE: July 27, 2009		
REGION: Rocky Mountains	NWA / COUNTRY: USA	STATE: COLO.	COUNTY: MOFFAT
	SUPERVISOR / PHONE #: HUGHES, DERRICK (435)790.2890	PSL DEPARTMENT: Cementing	
LOCATION WORK PERFORMED OUT OF: ROCK SPRINGS	COMPANY: YATES	CUSTOMER REP / PHONE: RANDY MULLER	
TICKET AMOUNT:	WELL TYPE: GAS	API WELL NO.: 05-081-07445-00	
AFE #	DEPARTMENT: Cementing	JOB TYPE: P.T.A.	
LEASE: THORNBURGH	Well No.: UNIT #2	SEC/TWP/RNG	

SUPERIOR EMP NAME / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
HUGHES, DERRICK 790.2890	7			
Shawn Howell	7			
ANDREW HILLS	7			

UNIT #'S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
1600	60			
816-3203	60			
615-3317	60			

Form. Name _____ Type: _____
Form. Thickness _____ From _____ To _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Retainer Depth 1020 Total Depth 1,020

	Called Out	On Location	Job Started	Job Completed
Date	27-Jul-09	27-Jul-09	27-Jul-09	27-Jul-09
Time	07:00	10:30	13:20	17:30

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
Stop Ring		
Bottom Plug		
Insert Float		
Guide Shoe		
Thread Weld		

Well Data

Casing	New/Used	Weight	Size Grade	From	To	Max. Allow
Surface	USED	24.0	8 5/8	0	1,018	
Intermediate						
Production	USED	17.0	5 1/2	0		
Tubing	USED	6.6	2 7/8	0	1,020	
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
DV Tool						

Materials

Mud Type		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				
KCL substitute				
Other				
Other				
Other				

Hours On Location

Date	Hours
7/27/09	7.00
Total	7.00

Operating Hours

Date	Hours
7/27/09	1.00
Total	1.00

Description of Job: SEE JOB LOG

Hydraulic Horsepower
Ordered _____ Avail. _____ Used _____
Average Rates in BPM
Treating _____ Disp. _____ Overall _____
Cement Left In Pipe
Feet _____ Reason _____

Cement Data

Stage	Sacks	Cement		Additives	W/Rq.	Yield	Lbs/Gal
	260	G		NEAT WITH 2% CACL,ON THE SIDE	5.00	1.15	15.8
Total	260						

Summary

Circulating		Displacement		Preflush #1 Gal - BBl	10 Type: H2O
Breakdown		Maximum		Preflush #2 Gal - BBl	Type:
Lost Returns				BBLS cement to Surf.	Cal Disp Bbls
Cmt Rtn#Bbl	4	Actual TOC	SURFACE		
Average		Frac. Gradient			Disp:Bbls.
Shut In: Instant		5 Min.	15 Min	Cement Slurry: Gal - BBl	53.25
				Total Volume Gal - BBl	

THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE _____
SIGNATURE

SUPERIOR

T #	TICKET DATE
44-[illegible]0135	7/27/2009

REGION	NWA / COUNTRY	BDA / STATE	COUNTY
Rocky Mountains	USA	COLO.	MOFFAT

	EMPLOYEE NAME	DEPARTMENT
	HUGHES, DERRICK (435)790.2890	Cementing

LOCATION	COMPANY	CUSTOMER REP / PHONE
ROCK SPRINGS	YATES	RANDY MULLER

TICKET AMOUNT	WELL TYPE	API/UWI #
	GAS	05-081-07445-00

WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	Description
	Cementing		P.T.A.

LEASE / WELL #	Well No.	SEC /	TWP /	RNG
THORNBURGH	UNIT #2			

Date if Needed	Time	Rate (BPM)	Volume (BBL)(GAL)			Press.(PSI) Tbg	Csg	Job Description / Remarks
	1310	0	0			1000	1000	PRESSURE TEST
	1320	3	0			140	0	START H2O
	1326	3	10			140	0	END H2O
	1326	3	0			140	0	START CEMENT @15.8#
	1340	3	41			230	0	CEMENT RETURNS TO SURFACE
	1342	4	46			230	0	END CEMENT (5 BBLS BACK)
	1343	4	0			230	0	START DISPLACMENT H2O
	1343	0	4			230	0	SHUT DOWN
	1350	0	0			0	0	WAIT ON RIG TO PULL OUT OF HOLE
	1625	0.5				0	0	START CEMENT @15.8# 2JTS TUBING
	1630	0.5	2			0	0	CEMENT RETURNS TO SURFACE
	1630	0	2			0	0	SHUT DOWN
	1630	0	0			0	0	PULL OUT OF HOLE
	1644	0.5	0			0	0	TOP OUT WITH CEMENT
	1645	0	2			0	0	SHUT DOWN
	1700							CEMENT TO SURFACE GOOD AS PER CO. MAN
	1730							RELESED
								THANK'S DERRICK & CREW

SUPERIOR

CEMENT JOB SUMMARY SHEET

Job Type P.T.A.

Casing	Size	Weight	Grade	Measured Depth
Surface	8 5/8	24		1,018
Intermediate				
Production	5 1/2	17		
Tubing	2 7/8	6.5		1,020
Drill Pipe				
Open Hole				

CEMENT DATA

Spacer 10 Bbls H2O

Cement 1 G 260 Sacks

Additives NEAT WITH 2% CACL ON THE SIDE

Weight (lb/gal) 15.80 Yield (cuft/sk) 1.15 Water (gal/sk) 5.00

ADDITIVES

CEMENT 2

Displacement (lb/gal) *Displacement Type*

CEMENTING EQUIPMENT

Provider			
Guide Shoe	ea.	*Centralizers*	ea.
Float Shoe	ea.	*Plug Type*	ea.
Float Collar	ea.	*Limit Clamp*	ea.
Weld-A	ea.		1,020

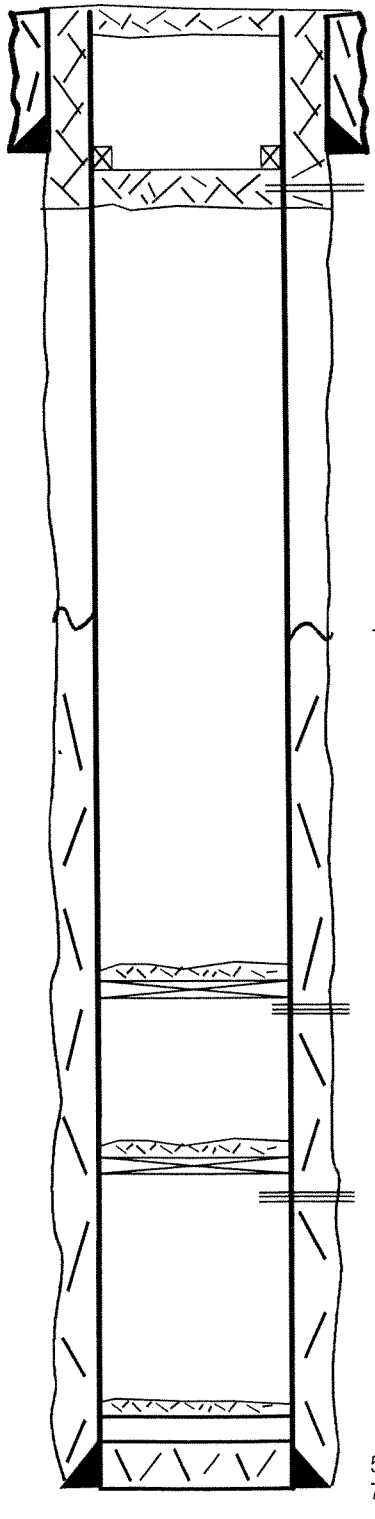
WELL NAME: Thornburgh Unit #2

LOCATION: 1176' FNL & 1121' FWL, Sec 11-11N-92W, Moffat County, CO

GL ELEV: 6484' **KB ELEV:** 6499' **SPUD DATE:** 9/29/08

CASING PROGRAM

SIZE/WT./GR./CONN.	DEPTH SET
8-5/8" 24# J-55	1018'
5-1/2" 17# Jj-55 & N-80	7625'



P&A 7/27/09

Date : 08/07/09 bg
-Not to Scale-