


FORM 6 Rev 12/05	State of Colorado Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table> Date Received: 05/16/2011 Document Number: 1635912	DE	ET	OE	ES
DE	ET	OE	ES				
WELL ABANDONMENT REPORT							
<p>This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.</p> <p>A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.</p>							
OGCC Operator Number: <u>24320</u>		Contact Name: <u>DAVE PETERSON</u>					
Name of Operator: <u>DIAMOND OPERATING, INC.</u>		Phone: <u>(303) 494-4420</u>					
Address: <u>6666 GUNPARK DR STE #200</u>		Fax: <u>(303) 494-3931</u>					
City: <u>BOULDER</u>	State: <u>CO</u>	Zip: <u>80301</u>	Email: <u>DAVEP@FLATIRONENERGY.COM</u>				
For "Intent" 24 hour notice required, COGCC contact:		Name: <u>HORTON, COLBY</u> Tel: <u>(970) 467-2517</u> Email: <u>colby.horton@state.co.us</u>					
<hr/>							
API Number <u>05-121-09861-00</u>		Well Number: <u>1-31</u>					
Well Name: <u>PACHNER</u>		Location: QtrQtr: <u>NENE</u> Section: <u>31</u> Township: <u>2S</u> Range: <u>53W</u> Meridian: <u>6</u>					
County: <u>WASHINGTON</u>		Federal, Indian or State Lease Number: _____					
Field Name: <u>EPIPHANY</u>		Field Number: <u>22400</u>					
<input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment							
<i>Only Complete the Following Background Information for Intent to Abandon</i>							
Latitude: <u>39.839270</u>		Longitude: <u>-103.351960</u>					
GPS Data:							
Date of Measurement: <u>09/07/2010</u>		PDOP Reading: <u>1.7</u>					
GPS Instrument Operator's Name: <u>Duane Russell</u>							
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production for Sub-economic <input type="checkbox"/> Mechanical Problems							
<input type="checkbox"/> Other _____							
Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Top of Casing Cement: _____					
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, explain details below					
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, explain details below					
Details: _____							
Current and Previously Abandoned Zones							
<u>Formation</u>	<u>Perf. Top</u>	<u>Perf. Btm</u>	<u>Abandoned Date</u>				
J SAND	4793	4800					
Total: 1 zone(s)							
Casing History							
Casing Type	Size of Hole	Size of Casing	Weight Per Foot				
SURF	12+1/4	8+5/8	24				
1ST	7+7/8	5+1/2	15.5				
Setting Depth	Sacks Cement	Cement Bot	Cement Top				
192	180	192					
4,902	200	4,902	3,851				
Status							

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4700 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #4: Depth _____ with _____ sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 40 sks cmt from 3800 ft. to 3700 ft. in Plug Type: STUB PLUG Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: ☐
 Set _____ sks cmt from _____ ft. to _____ ft. in Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 60 sacks half in. half out surface casing from 142 ft. to 242 ft. Plug Tagged: ☒

Set 10 sacks at surface

Cut four feet below ground level, weld on plate Above Ground 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 _____ inch casing Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: DAVID C PETERSON

Title: PRESIDENT Date: 5/16/2011 Email: DAVEP@FLATIRONENERGY.COM

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: SUTPHIN, DIRK Date: 5/20/2011

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 11/19/2011

- 1) Provide 24 hour notice of MIRU to Colby Horton at 970-467-2517 or e-mail at colby.horton@state.co.us.
- 2) Add 40 sack stub plug at casing cut.
- 3) Tag shoe plug

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

Attachment Check List

Att Doc Num	Name
1635912	FORM 6 INTENT SUBMITTED
1635913	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)