

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 8

STATE OF COLORADO DE ET OE ES  
02054491

**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.

**RECEIVED**  
OCT 07 2010  
COGCC/Rifle Office

<b>COGCC Operator Number</b> 49100	Contact Name & Telephone Doug Howard	<b>24 hour notice required, contact:</b>
Name of Operator: Koch Exploration Company	No: 303.325.2562	
Address: 9777 Pyramid Court Ste210	Fax: 303.325.2599	
City: Englewood State: CO Zip: 80112	Tel: 720.201.4681	

<b>API Number</b> 05-103-07570	<b>Complete the Attachment Checklist</b> <table border="1"> <tr> <td>Wellbore Diagram</td> <td>Oper</td> <td>OGCC</td> </tr> <tr> <td>Cement Job Summary</td> <td></td> <td></td> </tr> <tr> <td>Wireline Job Summary</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	Wellbore Diagram	Oper	OGCC	Cement Job Summary			Wireline Job Summary								
Wellbore Diagram		Oper	OGCC													
Cement Job Summary																
Wireline Job Summary																
Well Name: WRD Fed Unit 1 Well Number: 1																
Location (QtrQtr, Sec, Twp, Rng, Meridian): Sec 28, T2N, R96W (SWNW)																
County: Rio Blanco Federal, Indian or State Lease Number: USA COC 0127221																
Field Name White River Dome Field Number: 92800																

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

**Only Complete the Following Background Information for Intent to Abandon**

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
 GPS Data: \_\_\_\_\_  
 Date of Measurement: \_\_\_\_\_ PDOP Reading: \_\_\_\_\_ Instrument Operator's Name: \_\_\_\_\_

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  Other  
 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: \_\_\_\_\_  
 Procedure and WBD attached

**Current and Previously Abandoned Zones**

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

**Casing History**

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
1	20"	13 3/8"	48#	125'	135	135	Surface
2	12 1/4"	8 5/8"	24#	1806'	188	1806'	Surface
3	7 7/8"	4 1/2"	11.6, 10.5, 9	7500	500	7500	5744'
				7505			

**6030 Plugging Procedure for Intent and Subsequent Report**

CIBP #1: Depth 6050 with 3 sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top

Set 18 sks cmt from 1700 ft. to 1400 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 1806 ft. with 25 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 10 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

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

**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 Doug Howard Email: howard4d@kochind.com  
 Signed: \_\_\_\_\_ Title: VP Operations Date: 10/07/10

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

CONDITIONS OF APPROVAL, IF ANY: AS-BUILT GPS COORD REQUIRED WITH (OR BEFORE) SUBSEQUENT FORM 6.

**RECEIVED**  
OCT 07 2010  
COGCC/Rifle Office

**Koch Exploration Company, LLC**  
Plug & Abandonment Procedure  
WRD Federal Unit #1

Well Information

API No: 05-103-07570  
Location: Section 28, Township 2 North, Range 97 West  
Elevation: 5935' (GL)  
TD: 7505'  
PBTD: 7478'  
Perforations: 6040' – 7155'

Procedure:

1. MIRU service rig. Remove wellhead and install BOP. Trip out of well with tubing.
2. Run in well and set 4 1/2" CIPB at 6050' on wireline. Dump bail 3 sacks (3 ft<sup>3</sup> of cement) of cement on top of CIBP. Rig down wireline.
3. Fill well and pressure test to 500 psi for 15 minutes. If leak is detected, isolate and place a balanced cement plug inside and outside of casing across the leak.
4. Perforate at surface casing shoe (1806'). Squeeze 5 sx cement into perfs and place a 200' a balanced cement plug (20 ft<sup>3</sup> of cement) across casing shoe from 1700' to 1900'.
5. Remove BOP, dig out cellar and cut off wellhead 4' below surface.
6. Place 100' cement plug (10 ft<sup>3</sup> of cement) at surface inside 4 1/2" casing.
7. Top job 100' in 8 5/8" – 4 1/2" annulus.
8. Load out equipment and clean location.
9. Install dry hole marker as per Onshore Order #2.
10. Reclaim surface as per BLM regulations.

*wellbore diagram says 6000*

*8*

*185x*

# Proposed P&A

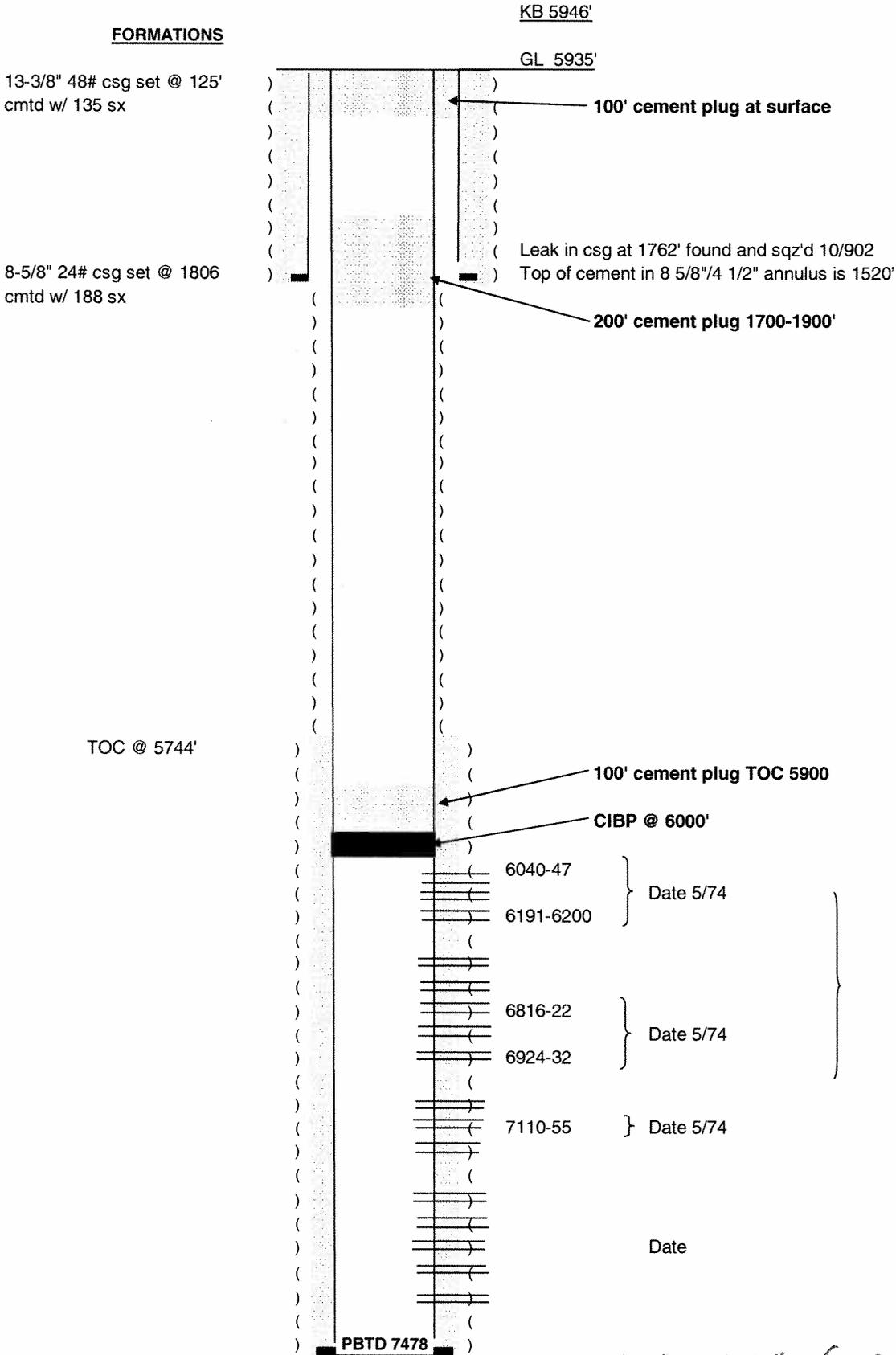
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**WELLBORE DIAGRAM**

Operator: Koch Exploration Company  
 Well Name: WRD Unit 1  
 Lease Number: \_\_\_\_\_  
 Location: Sec. 28-T2N-R96W  
 Field: White River Dome  
 County, State: Rio Blanco, CO  
 API Number: 05-103-07570  
 Diagram Date: 9/25/2010

FSL & ' FWL

**FORMATIONS**



4 1/2" 11.6# (→ 9.5)

TD 7505

AS-BUILT

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FSL & ' FWL

FORMATIONS

13-3/8" 48# csg set @ 125'  
cmtd w/ 135 sx

8-5/8" 24# csg set @ 1806  
cmtd w/ 188 sx

KB 5946'

GL 5935'

Well History

Spud Date:  
Date TD Reached:  
Completion Date:  
First Sales Date:  
Recomplete:

Leak in csg at 1762' found and sqz'd 10/902  
Top of cement in 8 5/8"/4 1/2" annulus is 1520'

TOC @ 5744'

6040-47 }  
6191-6200 } Date 5/74

6816-22 }  
6924-32 } Date 5/74

7110-55 } Date 5/74

2-3/8" Tbg @ 6961

Date

PBTD 7478

4-1/2" 11.6, 10.5, 9.5# csg

TD 7505

