



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.

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OCT 07 2010

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<b>COGCC Operator Number</b> 49100 Name of Operator: <u>Koch Exploration Company</u> Address: <u>9777 Pyramid Court Ste210</u> City: <u>Englewood</u> State: <u>CO</u> Zip: <u>80112</u>		Contact Name & Telephone <u>Doug Howard</u> No: <u>303.325.2562</u> Fax: <u>303.325.2599</u>	<b>24 hour notice required, contact:</b> Tel: <u>720.201.4681</u>																					
<b>API Number</b> 05-103-07570 Well Name: <u>WRD Fed Unit 1</u> Well Number: <u>1</u> Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>Sec 28, T2N, R96W (SWNW)</u> County: <u>Rio Blanco</u> Federal, Indian or State Lease Number: <u>USA COC 0127221</u> Field Name <u>White River Dome</u> Field Number: <u>92800</u>		<b>Complete the Attachment Checklist</b> <table border="1"> <tr> <th></th> <th>Oper</th> <th>OGCC</th> </tr> <tr> <td>Wellbore Diagram</td> <td></td> <td></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> <tr> <td></td> <td></td> <td></td> </tr> </table>			Oper	OGCC	Wellbore Diagram			Cement Job Summary			Wireline Job Summary											
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☒ **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			

**Plugging Procedure for Intent and Subsequent Report**

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

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

Set \_\_\_\_\_ sacks in rat hole

Dry-Hole Marker: ☒ Yes ☐ No

Set \_\_\_\_\_ sacks 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 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.

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## 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*

*18 5/8" 18 5/8"*

Proposed P&A

WELLBORE DIAGRAM

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COGCC/Rifle Office

FSL & ' FWL

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

FORMATIONS

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

8-5/8" 24# csg set @ 1806  
cmt'd w/ 188 sx

TOC @ 5744'

KB 5946'

GL 5935'

100' cement plug at surface

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

200' cement plug 1700-1900'

100' cement plug TOC 5900

CIBP @ 6000'

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

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

7110-55 } Date 5/74

Date

PBTD 7478

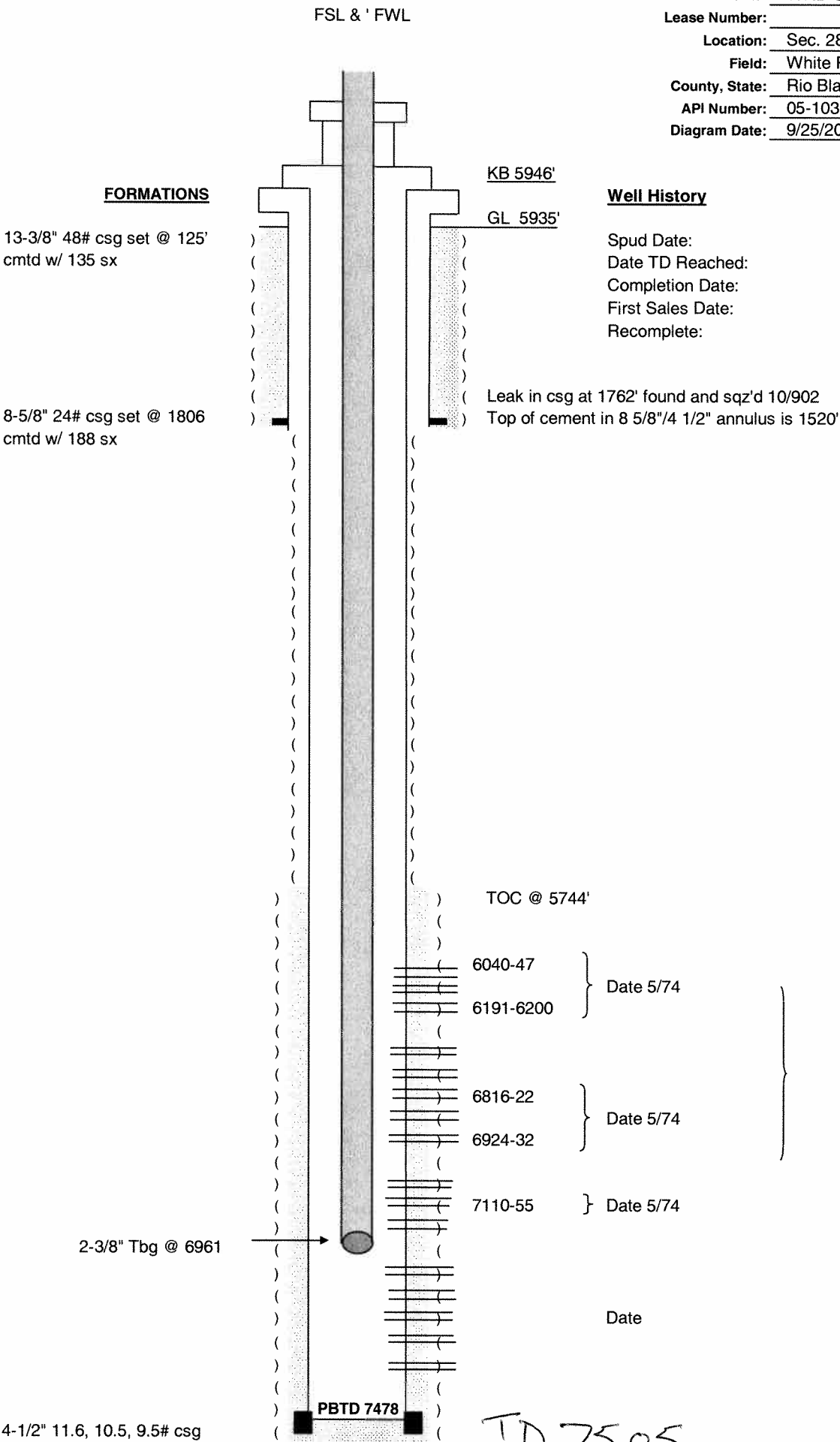
4 1/2" 11.6# (→9.5)

TD 7505

AS-BUILT

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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

Well History

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