

FORM
6
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

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



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Date Received:			

WELL ABANDONMENT REPORT

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. 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.

OGCC Operator Number: <u>96155</u>	Contact Name: <u>James Kopp</u>
Name of Operator: <u>WHITING OIL & GAS CORPORATION</u>	Phone: <u>(303) 357-1410</u>
Address: <u>1700 BROADWAY STE 2300</u>	Fax: <u>(303) 390-4292</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>	Email: <u>james.kopp@whiting.com</u>
For "Intent" 24 hour notice required, Name: <u>Pesicka, Conor</u> Tel: <u>(970) 415-0789</u>	
COGCC contact: Email: <u>conor.pesicka@state.co.us</u>	

API Number <u>05-123-14324-00</u>	Well Number: <u>2</u>
Well Name: <u>NELSON RANCHES A</u>	
Location: QtrQtr: <u>NWNW</u> Section: <u>17</u> Township: <u>10N</u> Range: <u>58W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>TERRACE</u> Field Number: <u>81500</u>	

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.844068 Longitude: -103.897188

GPS Data:
Date of Measurement: 09/28/2010 PDOP Reading: 1.8 GPS Instrument Operator's Name: Larry D. Brown

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other P&A per the DJ Basin Horizontal Offset Policy

Casing to be pulled: Yes No Estimated Depth: _____

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	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	6684	6692	06/23/2015	B PLUG CEMENT TOP	6600
J SAND	6780	6791	07/24/1989	BRIDGE PLUG	6770
Total: 2 zone(s)					

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	191	160	191	0	VISU
1ST	7+7/8	4+1/2	11.6	6,857	150	6,857	6,200	VISU
S.C. 1.1				5,740	80	5,850	5,521	CALC
S.C. 1.2				2,675	375	2,795	2,674	CALC
S.C. 1.3				2,575	685	2,625	2,263	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #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 _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 5850 ft. with 80 sacks. Leave at least 100 ft. in casing 5740 CICR Depth

Perforate and squeeze at 2795 ft. with 375 sacks. Leave at least 100 ft. in casing 2625 CICR Depth

Perforate and squeeze at 2625 ft. with 1210 sacks. Leave at least 100 ft. in casing 2575 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 30 sacks half in. half out surface casing from 350 ft. to 0 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:

Casing History Section:
Stage Cement 1st String 4:
Setting Depth: 2575
Sacks Cement: 450
Cement Btm: 2625
Cemet Top: 2575
Status: CALC.

Stage Cement 1st String 5:
Setting Depth: 2575
Sacks Cement: 75
Cement Btm: 2575
Cemet Top: 2543
Status: CALC.

Stage Cement 1st String 6:
Setting Depth: 1573
Sacks Cement: 365
Cement Btm: 1650
Cemet Top: 0
Status: VISU.

Plugs associated with squeezes.

Stage Cement 1st String 1: Retainer depth 5740 plug cmt top 5675 plug cmt bttm 5850
Stage Cement 1st String 2,3: Retainer depth 2675 plug cmt top 2625 plug cmt bttm 2795 (hole in casing 2766 to 2791)
Stage Cement 1st String 4,5: Retainer depth 2575 plug cmt top 2543 plug cmt bttm 2625
Stage Cement 1st String 6: Retainer depth 1573 plug cmt top 1508 plug cmt bttm 1650

Perforate and squeeze at 1650 ft. with 365 sacks. Leave at least 100ft. in casing 1573 CICR Depth (Cast Iron Cement Retainer)

Remedial cement work was completed prior to an offset well stimulation with the original plan to drill out all placed cement retainers and cement plugs and put the Nelson Ranches A-2 well back on production. Due to a lack of economic justification the original plan has been revised and the Nelson Ranches A-2 is now to be plugged and abandoned. This Form 6 describes the remedial work completed and the proposed final cement plug.

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

Signed: _____ Print Name: Pauleen Tobin
Title: Engineer Tech Date: _____ Email: pollyt@whiting.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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401045287	WELLBORE DIAGRAM
401045288	WELLBORE DIAGRAM
401045292	CEMENT JOB SUMMARY
401045293	CEMENT JOB SUMMARY
401045294	CEMENT JOB SUMMARY
401045295	CEMENT JOB SUMMARY
401045298	CEMENT JOB SUMMARY
401045299	CEMENT JOB SUMMARY
401045303	PROPOSED PLUGGING PROCEDURE

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)