

FORM
6Rev
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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Replug By Other Operator

Document Number:

400594573

Date Received:

04/24/2014

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: 96155

Contact Name: Sonia Stephens

Name of Operator: WHITING OIL AND GAS CORPORATION

Phone: (303) 928-7128

Address: 1700 BROADWAY STE 2300

Fax: (303) 218-5678

City: DENVER State: CO Zip: 80290

Email: regulatory@petro-fs.com

For "Intent" 24 hour notice required,

Name: Rains, Bill

Tel: (970) 590-6480

COGCC contact:

Email: bill.rains@state.co.us

API Number 05-123-23302-00

Well Name: MADDY

Well Number: 2

Location: QtrQtr: SESW Section: 31 Township: 10N Range: 57W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.790500

Longitude: -103.795793

GPS Data:

Date of Measurement: 09/21/2009

PDOP Reading: 1.9

GPS Instrument Operator's Name: NEAL MCCORMICK

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other Re-Plug and abandonCasing to be pulled: ☒ Yes ☐ No

Estimated Depth: 5200

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
J SAND	6304	6309	10/20/2010	B PLUG CEMENT TOP	6284

Total: 1 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	214	150	214	0	
1ST	7+7/8	4+1/2	11.6	6,416	150	6,416	5,406	CBL

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 60 sks cmt from 5000 ft. to 5200 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 60 sks cmt from 700 ft. to 900 ft. Plug Type: OPEN HOLE 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 _____ 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 85 sacks half in. half out surface casing from 275 ft. to _____ ft. Plug Tagged: ☐

Set _____ 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:

Re-Plug and Abandon Procedure

1. Notify COGCC at least 48-hours prior to the start of operations using a Form 42. Verify with James Kopp that this is completed prior to moving the rig in.
2. Take GPS coordinates of exposed wellhead. Send information to:
James Kopp James.Kopp@whiting.com 303.357.1410
3. MIRU Bayou Rig. Mob-in pump, swivel, tank, and 2-7/8" PH-6 workstring.
4. MIRU wireline company. PU jet cutter tool and NU lubricator. RIH w/ jet cutter to 5,200' and cut 4-1/2" production casing. POOH with jet cutter tool. ND lubricator and LD jet cutter tool. RDMO wireline company.
5. PU and POOH with 4-1/2" casing. Inspect casing and LD. Send good casing to yard.
6. NU-7-1/16" 5K BOP w/ 2-7/8" pipe rams on top and blind rams on bottom, pressure test high and low. PU 2-7/8" workstring and TIH to 5,200'. Load hole with fresh water.
7. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 60sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 5,200'. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
8. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
9. PU to 800' FS. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 60sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 800'KB. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
10. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
11. PU to 275' FS. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 85sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug from 275' KB to surface. TOOH with 2-7/8" workstring, LD on float.
12. Cut off WH to 5' below GL and fill hole.
13. Weld on cap with plugging information plate. Backfill cellar.
14. RDMO rig and equipment.
15. Reclaim disturbed surface.

Pictures and Access agreement are attached as "Other"

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

Signed: _____ Print Name: Sonia Stephens
Title: Regulatory Technician Date: 4/24/2014 Email: regulatory@petro-fs.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: 4/30/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 10/29/2014

COA Type

Description

	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Tag existing CIBP + 2 sx cement at 6284'. If no tag set new CIBP + 2 sx at 6230'. 3) If operator is unable to pull casing as planned at 5200' contact COGCC engineer for modified plugging orders. Depending on where casing can be pulled set Niobrara plug elsewhere in the Pierre shale. Set as deep as possible. Avoid setting plug in sandy interval 3200-3400'. 4) Submit Form 42(s) - OFFSET MITIGATION COMPLETED, in accordance with DJ Basin Horizontal Offset Policy. 5) Submit Form 6 – Subsequent Report of Abandonment within 30 days of plugging in accordance with Rule 311.
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Attachment Check List

Att Doc Num

Name

400594573	FORM 6 INTENT SUBMITTED
400594595	SURFACE OWNER CONSENT
400594597	WELLBORE DIAGRAM
400594599	LOCATION PHOTO
400594600	WELLBORE DIAGRAM
400595475	PROPOSED PLUGGING PROCEDURE

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Engineer	Changes made to submitted form: Corrected sks for surface casing. Added production casing info that was missing. Added existing CIBP + 2 sx cmt at 6284' per WBD and MIT on file. Pulling casing at 5200'.	4/30/2014 11:36:10 AM
Permit	This well was never plugged by original oper. Added J sand zone. Casing tab not complete.	4/28/2014 9:19:57 AM

Total: 2 comment(s)