

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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Replug By Other Operator

Document Number:

400551324

Date Received:

02/07/2014

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: James Kopp

Name of Operator: WHITING OIL AND GAS CORPORATION

Phone: (303) 357-1410

Address: 1700 BROADWAY STE 2300

Fax: (303) 390-4292

City: DENVER State: CO Zip: 80290

Email: james.kopp@whiting.com

For "Intent" 24 hour notice required,

Name: Rains, Bill

Tel: (970) 590-6480

COGCC contact:

Email: bill.rains@state.co.us

API Number 05-123-20076-00

Well Name: MERTENS

Well Number: 1-19

Location: QtrQtr: NWNE Section: 19 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: 40.829744

Longitude: -103.791294

GPS Data:

Date of Measurement: 08/29/2000

PDOP Reading: 0.0

GPS Instrument Operator's Name: B. Halloway

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

Estimated Depth: 6522

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

Total: 0 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	260	150	260	0	

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 5500 ft. to 5300 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 60 sks cmt from 800 ft. to 600 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 100 sacks half in. half out surface casing from 310 ft. to 0 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:

closed loop will be utilized.

The following is a procedure to drill out existing cement plugs and re-plug in order to properly isolate the Mertens 1-19 well.

Re-Plug and Abandon Procedure

1. Notify COGCC at least 48-hours prior to the start of operations. See approved Form 2 for exact contact information.
2. MIRU Bayou Rig. Mob-in pump, swivel, tank, and 2-7/8" workstring. NU 7-1/16" 5K BOP w/ 2-7/8" pipe rams on top and blind rams on bottom, function test BOP. PU bit & TIH on 2-7/8" tubing.

3. Drill out existing cement plugs down to 288'.

4. Clean out to top of Niobrara Formation @ 5,500'.

See also Attachments of Replug & Abandon Procedures.

Thank you

5. MIRU cement equipment. Set 200' balanced plug @ 5,500'. Let cement cure overnight.

6. Tag TOC with EOT.

7. PU to 800' FS and set 200' balanced plug. Let cement cure overnight.

8. Tag TOC with EOT.

9. PU to 288' FS and set cement plug to surface.

10. Cut off WH to 5' below GL and fill hole.

11. Weld on cap with plugging information plate. Backfill cellar.

12. RDMO rig and equipment.

13. Take GPS coordinates of well location. Send information to:
James Kopp James.Kopp@whiting.com (303) 357-1410

14. Reclaim disturbed surface.

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: 2/7/2014 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: 2/11/2014

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/10/2014

COA Type

Description

	As drilled GPS coordinates will be provided on the Form 6, SRA.
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Note changes to submitted form. 3) Tag 5500'-5300' plug.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2157498	LOCATION PICTURES
400551324	FORM 6 INTENT SUBMITTED
400551348	OTHER
400551361	PROPOSED PLUGGING PROCEDURE
400551362	OTHER
400551364	WELLBORE DIAGRAM
400551367	WELLBORE DIAGRAM

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Plugging procedure on this form was blank. Added plugs using operator's plugging procedure attachment doc#400551361 and wellbore diagram doc#400551364. For 200' plugs = 60 sx. Changed bottom of shoe plug depth from 288' to 310' (50' below surface casing shoe 260'), cement to surface, est. 100 sx. Corrected Casing information (Surface, 260') using Well Abandonment Report #904801, and (150 sx) using APD#877833.	2/11/2014 4:29:42 PM
Permit	Oper. submitted loc. photos. Surface access agreement is labeled OTHER. There is no completion report in well file.	2/11/2014 12:51:52 PM
Permit	Req'd 4 color photos labeled. Need comment that closed loop will be utilized. Plugging Procedure tab not completed. Confirmed final rec inspection done 2006.	2/7/2014 11:01:03 AM

Total: 3 comment(s)