

FORM
6Rev
12/05State 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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Document Number:

400386259

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: 10110

Contact Name: Tom Rand

Name of Operator: GREAT WESTERN OIL & GAS COMPANY LLC

Phone: (970) 686-8831

Address: 1700 BROADWAY SUITE 650

Fax: (866) 742-1784

City: DENVER State: CO Zip: 80290

Email: trand@gwogco.com

For "Intent" 24 hour notice required,

Name: PRECUP, JIM

Tel: (303) 726-3822

COGCC contact:

Email: james.precup@state.co.us

API Number 05-001-06202-00

Well Name: HARTNAGLE

Well Number: 1

Location: QtrQtr: SWSW Section: 2 Township: 2S Range: 64W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: JAMBOREE

Field Number: 40590

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.900036

Longitude: -104.524487

GPS Data:

Date of Measurement: 04/07/2010

PDOP Reading: 2.3

GPS Instrument Operator's Name: Joe Kerns

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☒ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☒ No

Estimated Depth:

Fish in Hole: ☒ Yes ☐ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☒ Yes ☐ No If yes, explain details below

Details: Stuck packer @ ~2996'

Current and Previously Abandoned Zones

Formation	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
J SAND	JSND	7863	7873			

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	28 lbs	224	150	224	0	VISU
1ST	7+7/8	4+1/2	11.6	7,949	200	7,949	7,010	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2950 with 2 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 50 sks cmt from 7850 ft. to 7873 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 1550 ft. to 1300 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 890 ft. to 640 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 590 ft. to 340 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 310 ft. to 60 ft. Plug Type: CASING 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 10 sacks half in. half out surface casing from _____ 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 0 sacks in rat hole Set 0 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:

No cement bonds available for this well.

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

Signed: _____ Print Name: Tom Rand

Title: VP Operations Date: _____ Email: trand@gwogco.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: _____

Attachment Check List

Att Doc Num	Name
400387105	WELLBORE DIAGRAM
400387106	WELLBORE DIAGRAM
400387120	FORM 6 INTENT SUBMITTED

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)