

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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09/03/2013

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: 10098

Contact Name: PAMELA FRY

Name of Operator: ENERVEST OPERATING LLC

Phone: (713) 495-1563

Address: 1001 FANNIN ST STE 800

Fax:

City: HOUSTON State: TX Zip: 77002

Email: PFRY@ENERVEST.NET

For "Intent" 24 hour notice required,

Name: JOHNSON, RANDELL

Tel: (303) 815-9641

COGCC contact:

Email: randell.johnson@state.co.us

API Number 05-123-09245-00

Well Name: WELD

Well Number: 1

Location: QtrQtr: SESW Section: 20 Township: 2N Range: 62W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: ROGGEN

Field Number: 74310

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.118574

Longitude: -104.350030

GPS Data:

Date of Measurement: 10/25/2010

PDOP Reading: 5.0

GPS Instrument Operator's Name: PFS_GJB

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other UNECONOMICALCasing 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
J SAND	6966	6969			

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	475	300	475	0	
1ST	7+7/8	4+1/2	10.5 & 11	7,098	175	7,098	6,200	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6916 with 10 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 6100 ft. with 40 sacks. Leave at least 100 ft. in casing 6000 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 60 sacks half in. half out surface casing from 620 ft. to 420 ft. Plug Tagged: ☒

Set 35 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:

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

Signed: _____ Print Name: PAMELA FRY

Title: REGULATORY ANALYST Date: 8/27/2013 Email: PFRY@ENERVEST.NET

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: 9/13/2013

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 3/12/2014

COA Type	Description
	1) Provide 24 hour notice of MIRU to Randell Johnson at 303-815-9641 or e-mail at randell.johnson@state.co.us. 2) Note changes to submitted form. 3) If casing is recovered set at least 40 sx cement at casing cut (stub plug). Wellbore diagram proposed 60 sx at casing cut (no depth was specified). 4) Tag shoe plug. If casing is not recovered perf & squeeze 80 sx at 620'. (WBD proposed 80 sx at surface casing shoe) 5) Set surface plug from 50' minimum to surface (WBD indicates 35 sx plug from 100' to surface)

Attachment Check List

Att Doc Num **Name**

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Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date
Engineer	1. Replaced 10 sx proposed at 6180' (WBD proposed 20 sx at 6280'), with Perf & Squeeze 40 sx at 6100' (to isolate Niobrara). If TOC is confirmed 200' above top of Niobrara by CBL, plug may be set inside casing as 20 sx cement or CIBP with at least 2 sx cement on top. Set within 50' above Nbr top 6179'. 2. Put base of shoe plug at 620 for aquifer plug below Fox Hills (80 sx in open hole from 620'-420' across surface casing shoe).	9/13/2013 3:52:21 PM
Permit	Well completion or recompletion report doc. # 00049895 dated 9/14/1977	9/5/2013 8:03:18 AM

Total: 2 comment(s)