

Document Number:
400623892

Date Received:
06/10/2014

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: 74770 Contact Name: John Niernberger

Name of Operator: RITCHIE EXPLORATION INC Phone: (316) 691-9500

Address: P O BOX 783188 Fax: (316) 691-9550

City: WICHITA State: KS Zip: 67278- Email: jniernberger@ritchie-exp.com

For "Intent" 24 hour notice required, Name: SCHURE, KYM Tel: (970) 520-3832

COGCC contact: Email: kym.schure@state.co.us

API Number 05-075-06738-00

Well Name: KOESTER C Well Number: 1

Location: QtrQtr: NWNW Section: 30 Township: 10N Range: 53W Meridian: 6

County: LOGAN Federal, Indian or State Lease Number: _____

Field Name: GARNET Field Number: 28000

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.816756 Longitude: -103.341378

GPS Data:
Date of Measurement: 05/19/2009 PDOP Reading: 3.0 GPS Instrument Operator's Name: Joseph Dugan

Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____

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	4889	4901			

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	9+5/8	25.6	44	17	44	0	VISU
1ST	7+7/8	5+1/2	14	5,074	150	5,074	4,310	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 250 with _____ sacks cmt on top. CIBP #2: Depth 4800 with 2 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 245 ft. with 150 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 750 ft. with 40 sacks. Leave at least 100 ft. in casing 650 CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 (Cast Iron Cement Retainer Depth)

Set _____ 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 _____ 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: John Niernberger
 Title: Production Manager Date: 6/10/2014 Email: jniernberger@ritchie-exp.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: 6/30/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/29/2014

COA Type	Description
	Note changes to form submitted. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) For perf & squeeze 150 sx at 245': Tag plug if not circulated to surface and cement from 100' to surface in production casing and surface/production annulus.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400623892	FORM 6 INTENT SUBMITTED
400623973	WELLBORE DIAGRAM
400623974	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added plug at 750': Perf & squeeze 40 sx at 750' due to WW depths.	6/30/2014 5:27:58 PM
Permit	Old style comp. rept. #295244 sub. 4/1959 meets form 5/5A requirements.	6/11/2014 11:12:58 AM

Total: 2 comment(s)