

Document Number:
2361484

Date Received:
03/20/2014

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: 18600 Contact Name: KEVIN LIVELY

Name of Operator: COLORADO INTERSTATE GAS COMPANY LLC Phone: (719) 520-4287

Address: P O BOX 1087 Fax: (719) 329-5665

City: COLORADO State: CO Zip: 80944 Email: KEVIN_LIVELY@KINDERMORGAN.COM

For "Intent" 24 hour notice required, Name: QUINT, CRAIG Tel: (719) 767-8939

COGCC contact: Email: craig.quint@state.co.us

API Number 05-009-05080-00

Well Name: FLANK Well Number: 21

Location: QtrQtr: W2E2SE Section: 31 Township: 33S Range: 42W Meridian: 6

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

Field Name: FLANK Field Number: 24051

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.123870 Longitude: -102.189790

GPS Data:
Date of Measurement: 09/23/2009 PDOP Reading: 3.7 GPS Instrument Operator's Name: Greg Jarrell

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

Other NOT NEEDED FOR GAS STORAGE USE.

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
CHEROKEE	4148	4154			
MARMATON	4135	4140			

Total: 2 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	1,485	600	1,485	0	
1ST	7+7/8	2+7/8	6.5	4,270	175	4,270	700	

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 150 sks cmt from 4139 ft. to 50 ft. Plug Type: CASING Plug Tagged:
 Set 150 sks cmt from 50 ft. to 0 ft. Plug Type: CASING 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 _____ 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: ANTHONY P TRINKO
 Title: SE RESERVOIR ENG Date: 3/18/2014 Email: ANTHONY_TRINKO@KINDERMORGAN.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: 4/3/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 10/2/2014

COA Type	Description
	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2361484	FORM 6 INTENT SUBMITTED
2361485	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Regarding the 150 sk plug proposed at 50'-0: Spoke with K.Lively. Operator is proposing to perforate the 2-7/8" tubing at 50' prior to pumping cement. Cement will fill the casing and annulus from 50' up. As stated on WBD "Squeeze holes at 50', cement to be circulated around".	4/3/2014 2:50:58 PM

Total: 1 comment(s)