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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Document Number: 2437224

Date Received: 02/12/2015

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: 27520 Contact Name: CONNIE GREEN

Name of Operator: ENERGY ALLIANCE COMPANY INC Phone: (316) 267-0155

Address: 1900 N. AMIDON STE 218 Fax: (316) 267-0155

City: WICHITA State: KS Zip: 67203 Email: CONNIE.GREEN@ENERGY-ALLIANCE.NET

For "Intent" 24 hour notice required, Name: Tel:

COGCC contact: Email:

API Number 05-009-06581-00

Well Name: GROTTO ROUGE Well Number: 1-30

Location: QtrQtr: NWNE Section: 30 Township: 33S Range: 43W Meridian: 6

County: BACA Federal, Indian or State Lease Number:

Field Name: SPELUNKER Field Number: 77855

☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.146301 Longitude: -102.300077

GPS Data:

Date of Measurement: 02/05/2009 PDOP Reading: 2.5 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: 1850

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
RED CAVE	1606	1622	07/31/2011		

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	852	300	852	0	
1ST	7+7/8	4+1/2	10.5	1,847	300	1,847	820	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1550 with 2 sacks cmt on top. CIPB #2: Depth 900 with 50 sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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: ☐

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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 805 ft. with 50 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 15 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: 0 ft. of _____ inch casing Plugging Date: 12/23/2014

*Wireline Contractor: PIONEER WIRELINE *Cementing Contractor: BASIC ENERGY SERVICES

Type of Cement and Additives Used: PREMIUM PLUS CEMENT, 2% CALCUIM CHLORIDE

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

WE DO NOT OWN THE PIPELINE. BADGER DISCONNECTED THE LINE AND METER.

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

Signed: _____ Print Name: CONNIE GREEN

Title: VP/TREASURER Date: 2/2/2015 Email: CONNIE.GREEN@ENERGY-ALLIANCE.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: 4/9/2015

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

Att Doc Num	Name
2437224	FORM 6 SUBSEQUENT SUBMITTED
2437231	WELLBORE DIAGRAM
2437232	WIRELINE JOB SUMMARY
2437233	CEMENT JOB SUMMARY

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	50 sks on CIBP at 900' and Perf&Squeeze at 805' w/ 50 sks is the same 50 sks. Cement report (Basic Energy) indicates total job was 75 sks 14.8ppg 1.32cf/sk. For cement plug #1: 11.75bbls/0.235bbl/sk=50sks this was pumped via tubing at appx. 880' (28 jts Border-Line/Rig) on top of CIBP at 900' (Pioneer/WL), w/ perf at 805'. So not really perf & squeeze but shown this way on form. Actually is a balanced plug from 900' in casing to appx 650' in casing and annulus. Then 2 bbls (8.5 sks) at ~60' (2 jts tbg) inside casing and 4 bbls (17 sks) down backside 8"x4.5" annulus (0.239 cf/ft gives 94'). 50+8+17=75 sks. So surface plug is 25 sks not 15.	4/9/2015 2:29:15 PM

Total: 1 comment(s)