

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



DE	ET	OE	ES
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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: <u>10328</u>	Contact Name: <u>Tyson Foutz</u>
Name of Operator: <u>SOUTHWESTERN ENERGY VENTURES COMPANY</u>	Phone: <u>(505) 3206275</u>
Address: <u>PO BOX 1056</u>	Fax: _____
City: <u>BAYFIELD</u> State: <u>CO</u> Zip: <u>81122</u>	Email: <u>tyson@foutzconsulting.com</u>

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number: <u>05-103-08600-00</u>	Well Name: <u>FEDERAL</u>	Well Number: <u>J-29-3-101-S</u>
Location: QtrQtr: <u>NWSE</u> Section: <u>29</u> Township: <u>3S</u> Range: <u>101W</u> Meridian: <u>6</u>	County: <u>RIO BLANCO</u> Federal, Indian or State Lease Number: <u>44507</u>	
Field Name: <u>CATHEDRAL</u>	Field Number: <u>10330</u>	

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.757860 Longitude: -108.749790

GPS Data:
 Date of Measurement: 05/20/2014 PDOP Reading: 1.9 GPS Instrument Operator's Name: TOM AU

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
EMERY	2862	3145	07/11/2014	B PLUG CEMENT TOP	2830
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	8+3/4	7	23	175	100	175	0	CALC
1ST	6+1/4	4+1/2	10.5	3,369	75	3,369	2,670	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2830 with 3 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 <u>30</u> sks cmt from <u>1898</u> ft. to <u>2050</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>25</u> sks cmt from <u>1783</u> ft. to <u>1898</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>25</u> sks cmt from <u>1348</u> ft. to <u>1467</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>25</u> sks cmt from <u>1043</u> ft. to <u>1443</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>40</u> sks cmt from <u>1033</u> ft. to <u>940</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>

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 80 sacks half in. half out surface casing from 0 ft. to 276 ft. Plug Tagged:
 Set 30 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: 07/17/2014
 *Wireline Contractor: DLD pipe recovery *Cementing Contractor: Duco Inc.
 Type of Cement and Additives Used: Class G neat w/ 2% KCl
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

POOH laying down 2-1/16" tubing. MIRU wireline and RIH w/ CIBP. Set @ 2,830' KB. Dump bail 3 sx. class g neat on top of BP. P/U guns and shoot squeeze holes (4 shots ea.) at 2,000', 950', 500', and 225'. R/D wireline and RIH open ended to 2,050'. Pump 30 sx. class G neat w/ 2% KCl. RIH and tag cement at 1,898'. Pump 55 sx. Class g w/ 2% KCl and flush w/ 6.5 bbl water. WOC and RIH with sand line and tag @ 1,783'. RIH w/ tubing to 1,467'. Pump 25 sx.. WOC and tag @ 1,348'. RIH to 1,343' and pump 25 sx. Flush w/ 4.5 bbl and POOH. RIH w/ tubing and tag @ 1,043'. Pump 40 sx and WOC 4 hrs. Pull to to 1,033' and pump 20 sx.. RIH and tag @ 940'. Pull to 938 and pump 50 sx. POOH w/ tubing. RIH with tubing and tag @ 550'. Pull to 530' and pump 20 sx. WOC and tag w/ sand line @ 500'. Pull to 493' and pump 15 sx. RIH with tubing and tag @ 367'. Set tubing at 276' and circulate 80 sx to surface up 4.5" X 7" annulus. Cut off wellhead 4' below GL and top off w/ 30 sx cement. Weld on plate and backfill hole. RDMOL.

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

Signed: _____ Print Name: Tyson Foutz
 Title: Consultant Date: _____ Email: tyson@foutzconsulting.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:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400665093	CEMENT JOB SUMMARY
400665095	WELLBORE DIAGRAM
400669548	WIRELINER JOB SUMMARY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)