

FORM
6Rev
11/20

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
----	----	----	----

Replug By Other Operator

Document Number:

402620606

Date Received:

04/20/2021

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: 8960	Contact Name: Sheldon Mullet
Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY	Phone: (330) 231-1080
Address: 410 17TH STREET SUITE #1400	Fax:
City: DENVER State: CO Zip: 80202	Email: SMullet@bonanzacrk.com
For "Intent" 24 hour notice required, Name: Petrie, Erica Tel: (303) 726-3822	
COGCC contact: Email: erica.petrie@state.co.us	

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-123-11492-00	Well Name: WEST RIVERSIDE-STATE	Well Number: 1
Location: QtrQtr: SWSE Section: 24 Township: 5N Range: 62W Meridian: 6		
County: WELD	Federal, Indian or State Lease Number:	
Field Name: WILDCAT	Field Number: 99999	

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.380970	Longitude: -104.266830
GPS Data: GPS Quality Value: 1.3	Type of GPS Quality Value: PDOP
Date of Measurement: 04/05/2021	
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input checked="" type="checkbox"/> Other Re-enter and PA prior to the State Antelope 34-24 pad frac	
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Estimated Depth:
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Details:	

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA			11/19/1983	CEMENT	200

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J-55	24	0	210	225	210	0	VISU

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	115	sks cmt from	5950	ft. to	5650	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input checked="" type="checkbox"/>
Set	139	sks cmt from	400	ft. to	0	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input checked="" type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type: _____	Plug Tagged: <input 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 _____ 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 Surface Plug Setting Date: _____ Cut and Cap Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Bonanza Creek needs to re-enter and P&A the West Riverside-State 1 prior to the State Antelope 34-24 pad frac. This well was originally plugged by in 1983 by Rock Oil Corp.

A site release, survey, and site photo log is attached.

PLUGGING PROCEDURE:

- 1) LOCATE WELL
- 2) DIG OUT CASING WITH BACKHOE AND INSPECT CASING PLATE
- 3) IF SEALED, HOT TAP CASING TO CHECK FOR PRESSURE
- 4) CUT OFF PLATE, TRIM UP CASING FOR BELL NIPPLE FOR BOP
- 5) MIRU ON LOCATION, NU BOP, BU POWER SWIVEL
- 6) PU 7-7/8" BIT AND DRILL OUT SURFACE CEMENT WITH WATER (ESTIMATED BOTTOM AT 32' BELOW GL)
- 7) DRILL OUT SHOE PLUG WITH WATER (ESTIMATED TOP AT 135' BELOW GL)
- 8) WASH DOWN HOLE TO 3,000' WITH WATER/POLYMER AS NEEDED
- 9) CIRCULATE AND CLEAN UP WELL
- 10) SPOT 115 SX CEMENT (300') AT 5,950' (INCLUDES 30% EXCESS FOR OPEN HOLE)
- 11) WOC 4 HOURS AND TAG TOC (~ 5,650')
- 12) TOOH TO 400'
- 13) SPOT 139 SX CEMENT TO SURFACE (INCLUDES 30% EXCESS FOR OPEN HOLE)
- 14) ND BOP, CUT OFF BELL NIPPLE AND CASING TO 4' BELOW GROUND LEVEL, FILL TOP OF CASING WITH READY MIX
- 15) WELD ON PLATE. OPERATOR NAME, API NO., LOCATION
- 16) FILL SURFACE HOLE, MAKING SURE TO REPLACE TOP SOIL LAST
- 17) RIG DOWN AND MOVE OUT ALL EQUIPMENT

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

Signed: _____ Print Name: Aubrey Noonan
Title: Regulatory Analyst Date: 4/20/2021 Email: regulatory@bonanzacrk.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: McFarland, Nick Date: 4/26/2021

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 10/25/2021

Condition of Approval

COA Type

Description

	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) After placing the shallowest hydrocarbon isolating plug (5950'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. 3) Prior to placing the 400' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 4) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 160' or shallower and provide 10 sx plug at the surface. 5) Leave at least 100' of cement in the wellbore for each plug. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.
	In accordance with the Notice to Operators (NTO): Timing for COGCC Forms adopted on 05/01/2020, this Form 6 Notice of Intent to Abandon is valid for 12 months from the date of approval expiring on 4/26/2022. This NTO does not alter the deadlines for submission of, or compliance with any other Commission rule or Form.
	Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment.

3 COAs

Attachment List

Att Doc Num

Name

402620606	FORM 6 INTENT SUBMITTED
402621559	WELLBORE DIAGRAM
402653138	PLAT/LOCATION PHOTOS
402662856	LOCATION PHOTO
402662862	WELLBORE DIAGRAM
402664130	CORRESPONDENCE

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Re-entry PA. Original abandonment in 1983. SB5 Base of Fox Hills Aquifer: N/A Deepest water well within 1 mile: 108' # of wells: 3 Deepest water well within 1.5 miles: 108' # of wells: Production within one mile: JSND, CODL, NBRR	04/26/2021
Permit	<ul style="list-style-type: none">• Lat/Long are permitted; corrected per attached plat (402653138).• Corrected SHL footages in Well Update per attached plat (402653138).• Well never produced.• Well was never completed.	04/23/2021
Agency	Returned to draft at operator request.	04/19/2021

Total: 3 comment(s)