

FORM
5

Rev
09/14

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401482230

Date Received:

12/12/2017

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type Final completion Preliminary completion

OGCC Operator Number: <u>10459</u>	Contact Name: <u>Kamrin Ruder</u>
Name of Operator: <u>EXTRACTION OIL & GAS INC</u>	Phone: <u>(720) 9747743</u>
Address: <u>370 17TH STREET SUITE 5300</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number <u>05-123-42909-00</u>	County: <u>WELD</u>
Well Name: <u>CS-SHERWOOD</u>	Well Number: <u>2-1-13</u>
Location: QtrQtr: <u>SWSE</u> Section: <u>36</u> Township: <u>6N</u> Range: <u>66W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>340</u> feet Direction: <u>FSL</u> Distance: <u>1952</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>40.438372</u> As Drilled Longitude: <u>-104.722886</u>	

GPS Data:
Date of Measurement: 11/06/2017 PDOP Reading: 1.5 GPS Instrument Operator's Name: Chris Guffey

** If directional footage at Top of Prod. Zone Dist.: 493 feet Direction: FNL Dist.: 2637 feet. Direction: FWL

Sec: 1 Twp: 5N Rng: 66W

** If directional footage at Bottom Hole Dist.: 2189 feet Direction: FNL Dist.: 2657 feet. Direction: FWL

Sec: 13 Twp: 5N Rng: 66W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 06/20/2017 Date TD: 08/18/2017 Date Casing Set or D&A: 08/19/2017

Rig Release Date: 10/12/2017 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth	MD	<u>20310</u>	TVD**	<u>6884</u>	Plug Back Total Depth	MD	<u>20294</u>	TVD**	<u>6884</u>
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Elevations	GR	<u>4665</u>	KB	<u>4690</u>	Digital Copies of ALL Logs must be Attached per Rule 308A	<input checked="" type="checkbox"/>
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List Electric Logs Run:
CBL, Mud, MWD/LWD, (Triple Combo on 123-42915).

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	24	16	42	0	80	100	0	80	VISU
SURF	12+1/4	9+5/8	36	0	1,585	525	0	1,585	VISU
1ST	8+1/2	5+1/2	23	0	20,300	3,250	430	20,300	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PARKMAN	3,631		NO	NO	
SUSSEX	4,161		NO	NO	
SHANNON	4,843		NO	NO	
SHARON SPRINGS	6,807		NO	NO	
NIOBRARA	6,949		NO	NO	

Operator Comments

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 460' setback hardline. The actual footages will be submitted with the Form 5A.

No open hole Resistivity log with Gamma Ray was run on this well, per rule 317.p open hole logging exception. A Triple Combination log was run on the CS-Kinkade C6-1-13 (123-42915).

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

Signed: _____

Print Name: Kamrin Ruder

Title: Drilling Technician

Date: 12/12/2017

Email: kruder@extractionog.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401483449	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
401482230	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401482232	CEMENT BOND_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401482246	MWD/LWD_LAS	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401482249	MWD/LWD_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401482253	MUD_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401483446	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401483447	DIRECTIONAL SURVEY_PLOT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401483450	CEMENT JOB SUMMARY_SURFACE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401483453	CEMENT JOB SUMMARY_PRODUCTION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 17 reporting was not submitted(Within 60 days of rig release and prior to stimulation)	12/07/2018
Permit	<ul style="list-style-type: none"> • TPZ footage corrected from 460' FNL to 493' FNL per operator comment on Form 5A. • PBDT corrected from 20300' to 20294' per float collar. • "Gamma Ray" log names corrected to "MWD/LWD". • Attached CBL.las (401482243) actually belongs to the CS-Sherwood 1-1-13 (timestamp is Sept 22, 13:57:11, 2017 instead of Sept 22, 17:04:04, 2017); deleted; replacement not required as Gamma Ray (.las data) is captured on MWD/LWD log. 	10/03/2018

Total: 2 comment(s)

