

FORM
5Rev
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:

401158780

Date Received:

01/06/2017

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: 10459 Contact Name: Kamrin Ruder
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 7947743
 Address: 370 17TH STREET SUITE 5300 Fax: _____
 City: DENVER State: CO Zip: 80202

API Number 05-123-43402-00 County: WELD
 Well Name: Winder South Well Number: 1
 Location: QtrQtr: SENE Section: 9 Township: 6N Range: 67W Meridian: 6
 Footage at surface: Distance: 2306 feet Direction: FNL Distance: 528 feet Direction: FEL
 As Drilled Latitude: 40.502674 As Drilled Longitude: -104.890769

GPS Data:

Date of Measurement: 11/12/2016 PDOP Reading: 1.5 GPS Instrument Operator's Name: Dominick Davis** If directional footage at Top of Prod. Zone Dist.: 2606 feet Direction: FSL Dist.: 496 feet Direction: FELSec: 9 Twp: 6N Rng: 67W** If directional footage at Bottom Hole Dist.: 2615 feet Direction: FNL Dist.: 289 feet Direction: FWLSec: 8 Twp: 6N Rng: 67WField Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 08/10/2016 Date TD: 08/19/2016 Date Casing Set or D&A: 08/21/2016Rig Release Date: 11/06/2016 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 16960 TVD** 7045 Plug Back Total Depth MD 16911 TVD** 7046Elevations GR 4854 KB 4879 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, CBL, Mud, (Triple Combo on 123-43548).

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	13+1/2	9+5/8	36	0	1,561	565	0	1,561	VISU
1ST	7+7/8	5+1/2	20	0	16,913	2,100	130	16,913	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	3,630		NO	NO	
SUSSEX	4,183		NO	NO	
SHANNON	4,735		NO	NO	
SHARON SPRINGS	7,083		NO	NO	
NIOBRARA	7,141		NO	NO	

Operator Comments

No open hole Resistivity log with Gamma Ray was run on this well. A Triple Combo was run on the Winder South 11 (123-43548).

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

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: 1/6/2017 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"/>
401166740	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>					
401158780	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166676	CEMENT BOND_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166717	MUD_HORIZONTAL_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166726	MUD_VERTICAL_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166735	CEMENT JOB SUMMARY_PRODUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166736	CEMENT JOB SUMMARY_SURFACE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166742	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166743	MWD/LWD_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166744	MWD/LWD_LAS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Bradenhead tests(two missed) were not performed per the COA on the related Form 2; referred to enforcement group. Form 7 is missing from the Spud Date; request sent to Operator.	07/25/2018
Permit	<ul style="list-style-type: none"> • BHL footages corrected from 2597' FNL to 2615' FNL and from 460' FWL to 289' FWL, per operator. • TPZ footage corrected from 460' FEL to 496' FEL, per operator. • Added comment: "No open hole Resistivity log with Gamma Ray was run on this well" to Submit tab. • "Gamma Ray" log names corrected to "MWD/LWD". • Surface and first string "Setting Depth" and "Cement Btm" corrected per cement job summary. • PBTD adjusted per float collar. • TVD rounded per directional survey. • First string "Sacks of Cement" corrected from 2025 to 2100 per cement job summary. • Corrected elevations per well location plat and directional survey. 	06/14/2018
Permit	Returned to draft at operator's request.	01/06/2017

Total: 3 comment(s)