

FORM
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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:

400644336

Date Received:

01/28/2015

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>96155</u>	Contact Name: <u>Elvera Berryman</u>
Name of Operator: <u>WHITING OIL & GAS CORPORATION</u>	Phone: <u>(303) 390-4221</u>
Address: <u>1700 BROADWAY STE 2300</u>	Fax: <u>(303) 390-1598</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>	

API Number <u>05-123-39202-00</u>	County: <u>WELD</u>
Well Name: <u>Horsetail</u>	Well Number: <u>30F-3105</u>
Location: QtrQtr: <u>SENW</u> Section: <u>30</u> Township: <u>10N</u> Range: <u>57W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>2373</u> feet Direction: <u>FNL</u> Distance: <u>1979</u> feet Direction: <u>FWL</u>	
As Drilled Latitude: <u>40.810549</u> As Drilled Longitude: <u>-103.796248</u>	

GPS Data:
Date of Measurement: 04/23/2014 PDOP Reading: 2.1 GPS Instrument Operator's Name: Michael Brown

** If directional footage at Top of Prod. Zone Dist.: 2235 feet Direction: FSL Dist.: 1620 feet. Direction: FWL
Sec: 30 Twp: 10N Rng: 57W

** If directional footage at Bottom Hole Dist.: 590 feet Direction: FSL Dist.: 1495 feet. Direction: FWL
Sec: 31 Twp: 10N Rng: 57W

Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950
Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 06/28/2014 Date TD: 07/09/2014 Date Casing Set or D&A: 07/11/2014
Rig Release Date: 11/10/2014 Per Rule 308A.b.

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

Total Depth	MD	<u>13013</u>	TVD**	<u>5577</u>	Plug Back Total Depth	MD	<u>12912</u>	TVD**	<u>5573</u>
Elevations	GR	<u>4780</u>	KB	<u>4797</u>	Digital Copies of ALL Logs must be Attached per Rule 308A <input checked="" type="checkbox"/>				

List Electric Logs Run:
LWD, MUD, CBL

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	20	16	84	0	97		0	97	VISU
SURF	13+1/2	9+5/8	36	0	1,588	475	0	1,588	VISU
1ST	8+3/4	7	29	0	5,972	794	72	5,972	CBL
1ST LINER	6+1/8	4+1/2	11.60	4892	13,001	500	4,892	13,001	CALC

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	
PIERRE	1,455		NO	NO	
HYGIENE	3,183		NO	NO	
SHARON SPRINGS	5,784		NO	NO	
NIOBRARA	5,790		NO	NO	

Operator Comments

GPS data taken on preset conductors.
(Note: Logging Waiver, Neutron log run on Horsetail 30F-1948)

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

Signed: _____ Print Name: Elvera Berryman

Title: Engineer Tech Date: 1/28/2015 Email: elvera.berryman@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400644344	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400782039	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400782040	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400773927	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>			
400644336	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400710508	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400710509	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400710512	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400752691	PDF-CBL 3RD RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400782046	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	-BHL and TPZ footages off emailed operator -Corrected Rig release date to latest date on this pad -MWD las and pdf curves dont match	05/29/2018

Total: 1 comment(s)