

FORM  
5

Rev  
02/20

# State of Colorado Oil and Gas Conservation Commission

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



Document Number:

402454894

Date Received:

## 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/or 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: 96155 Contact Name: Pauleen Tobin  
Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 390-4267  
Address: 1700 LINCOLN STREET SUITE 4700 Fax: \_\_\_\_\_  
City: DENVER State: CO Zip: 80290 Email: pollyt@whiting.com

API Number 05-123-40220-00 County: WELD  
Well Name: Razor Well Number: 33P-3316  
Location: QtrQtr: SESE Section: 33 Township: 10N Range: 58W Meridian: 6  
FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
Footage at surface: Distance: 330 feet Direction: FSL Distance: 570 feet Direction: FEL  
As Drilled Latitude: 40.788573 As Drilled Longitude: -103.862505  
GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: PDOP Date of Measurement: 10/31/2014  
GPS Instrument Operator's Name: Larry D. Brown  
FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
\*\* If directional footage at Top of Prod. Zone Dist: 640 feet Direction: FSL Dist: 241 feet Direction: FEL  
Sec: 33 Twp: 10N Rng: 58W  
FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
\*\* If directional footage at Bottom Hole Dist: 103 feet Direction: FNL Dist: 227 feet Direction: FEL  
Sec: 33 Twp: 10N Rng: 58W  
Field Name: WILDCAT Field Number: 99999  
Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 12/08/2014 Date TD: 12/12/2014 Date Casing Set or D&A: 12/13/2014  
Rig Release Date: 12/14/2014 Per Rule 308A.b.

Well Classification:

Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 10510 TVD\*\* 5692 Plug Back Total Depth MD 10501 TVD\*\* 5692

Elevations GR 4708 KB 4730 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

MWD/LWD, Mud log, CBL (PDN/GR/CCL log run on API 123-40216)

### 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	65	0	80	121	0	80	VISU
SURF	13+1/2	9+5/8	36	0	1,588	680	0	1,588	VISU
1ST	8+3/4	7	29	0	5,958	665	684	5,958	CBL
1ST LINER	6	4+1/2	11.6	5036	10,504	355	5,036	10,510	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	1,611		NO	NO	
HYGIENE	3,591		NO	NO	
SUSSEX	3,879		NO	NO	
SHARON SPRINGS	5,561		NO	NO	
NIOBRARA	5,571		NO	NO	

Operator Comments:

No open hole resistivity with gamma ray log run per approved Open Hole Logging Exception. PDN/GR/CCL log was run on Razor 33P-3313, API 5-123-40216.

Oper records show that 680 sacks (178 bbls) of cement were pumped during the surface job. Sanjel log and notes to service job do not include the listed stage 2: 100 sacks and operator records do not reflect the extra 100 sacks. Sanjel cement records are not available for revision. (Sanjel to O-Tex to C&J Energy to NextTierOFS).

Intermediate Cement corrected to 665 sacks. Operator records show that 455 sacks of lead and 210 sacks of tail cement were pumped during this intermediate job. During the initial intermediate cement job the pump truck broke down and the initial cement slurry was pumped out of the hole. Once back to operational, the 665 sacks were pumped. Sanjel cement records are not available for revision. (Sanjel to O-Tex to C&J Energy to NextTierOFS).

GPS taken off of preset conductor prior to surface spud.  
 TZP update to actual based on top perf of 5981'  
 Verified BHL  
 Changed field name back to Wildcat  
 Corrected liner cement bottom to TD per directional survey  
 Added Sussex formation top  
 Updated TOC per engineer interpretation of CBL  
 Corrected well logs names to their standard industry abbreviations  
 Attached cement reports with correct section number  
 Added Eng'r calculated sacks of cement for conductor  
 Changed drilling tab KB/GR according to MWD Log  
 Attached .las format of GR from surface casing to KOP  
 Attached Mud log correcting KB/GR and API on logheader  
 Attached CBL log correcting KB/GR on logheader

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

Signed: \_\_\_\_\_

Print Name: Pauleen Tobin

Title: Regulatory Compliance Spe

Date: \_\_\_\_\_

Email: pollyt@whiting.com

### **Attachment Check List**

Att Doc Num	Document Name	attached ?	
<b><u>Attachment Checklist</u></b>			
402454974	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402454958	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"/>
<b><u>Other Attachments</u></b>			
402454946	LAS-CBL 3RD RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402454947	PDF-CBL 3RD RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402454949	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402454952	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402454953	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402454954	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402454956	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)

