

**DRILLING COMPLETION REPORT**

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Document Number:  
400765313

Date Received:

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 96155 Contact Name: Elvera Berryman

Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 390-4221

Address: 1700 BROADWAY STE 2300 Fax: (303) 390-1598

City: DENVER State: CO Zip: 80290

API Number 05-123-40630-00 County: WELD

Well Name: Horsetail Well Number: 19N-1924M-R

Location: QtrQtr: SWSE Section: 19 Township: 10N Range: 57W Meridian: 6

Footage at surface: Distance: 660 feet Direction: FSL Distance: 2616 feet Direction: FEL

As Drilled Latitude: 40.818864 As Drilled Longitude: -103.794093

GPS Data:  
Date of Measurement: 11/28/2014 PDOP Reading: 1.9 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 4633 feet. Direction: FNL Dist.: 2627 feet. Direction: FEL  
Sec: 19 Twp: 10N Rng: 57W

\*\* If directional footage at Bottom Hole Dist.: 359 feet. Direction: FSL Dist.: 2619 feet. Direction: FEL  
Sec: 19 Twp: 10N Rng: 57W

Field Name: WILDCAT Field Number: 99999

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 12/06/2014 Date TD: 12/11/2014 Date Casing Set or D&A: 12/14/2014

Rig Release Date: 12/15/2014 Per Rule 308A.b.

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

Total Depth MD 8348 TVD\*\* 8330 Plug Back Total Depth MD 8348 TVD\*\* 8330

Elevations GR 4749 KB 4768 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
LWD, MUD, cement bond, casing evaluation, caliper, gamma ray, triple combination logs

**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	42.09	0	109	40	0	109	VISU
SURF	13+1/2	9+5/8	36	0	1,597	1,077	620	1,597	CBL
1ST	8+3/4	7	29	0	8,322	154	6,256	8,322	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	1,278		NO	NO	
HYGIENE	3,258		NO	NO	
SHARON SPRINGS	5,485		NO	NO	
NIOBRARA	5,488		NO	NO	
CODELL	5,816		NO	NO	
CARLILE	5,827		NO	NO	
GREENHORN	5,948		NO	NO	
GRANEROS	5,995		NO	NO	
X BENTONITE	6,184		NO	NO	
HUNTSMAN	6,327		NO	NO	
SKULL CREEK	6,457		NO	NO	
LAKOTA	6,611		NO	NO	
DAKOTA	6,644		NO	NO	
MORRISON	6,735		NO	NO	
SUNDANCE	6,994		NO	NO	
ENTRADA	7,028		NO	NO	
PARKMAN	7,046		NO	NO	
LYKINS	7,052		NO	NO	
MINNEKAHTA	7,298		NO	NO	
BLAINE	7,381		NO	NO	
LYONS	7,447		NO	NO	
WOLFCAMP	7,758		NO	NO	
AMAZON	7,835		NO	NO	
COUNCIL GROVE	7,940		NO	NO	
NEVA	8,016		NO	NO	
ADMIRE	8,084		NO	NO	
PENNSYLVANIAN	8,186		NO	NO	
VIRGIL	8,195		NO	NO	
SHAWNEE	8,218		NO	NO	

Comment: \_\_\_\_\_

Well drilled 1' passed 360' setback. Form 5A will be submitted documenting that the bottom 72' of wellbore will not produce. Float Collar is a 8276'. Cement fills the hole from 8276' to TD.

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: \_\_\_\_\_ Email: elvera.berryman@whiting.com

### **Attachment Check List**

Att Doc Num	Document Name	attached ?	
<b><u>Attachment Checklist</u></b>			
400775749	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400775697	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>			
400775658	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400775660	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400775707	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791006	PDF-CASING EVALUATION TOOL	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791010	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791011	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791015	PDF-CALIPER	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791018	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791022	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791030	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791034	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400791035	PDF-CEMENT BOND	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>

Total: 0 comment(s)