

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



DE ET OE ES

Document Number:

400945018

Date Received:

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.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10373

Contact Name: Paul Gottlob

Name of Operator: NGL WATER SOLUTIONS DJ LLC

Phone: (720) 420-5747

Address: 3773 CHERRY CRK NORTH DR #1000

Fax:

City: DENVER

State: CO

Zip: 80209

API Number 05-123-41202-00

County: WELD

Well Name: NGL

Well Number: C10A

Location: QtrQtr: SWSE Section: 35 Township: 7N Range: 65W Meridian: 6

Footage at surface: Distance: 915 feet Direction: FSL Distance: 2102 feet Direction: FEL

As Drilled Latitude: 40.525240 As Drilled Longitude: -104.628130

GPS Data:

Date of Measurement: 11/18/2015 PDOP Reading: 2.1 GPS Instrument Operator's Name: Chase Miller

** If directional footage at Top of Prod. Zone Dist.: 747 feet. Direction: FNL Dist.: 857 feet. Direction: FEL

Sec: 35 Twp: 7N Rng: 65W

** If directional footage at Bottom Hole Dist.: 747 feet. Direction: FNL Dist.: 857 feet. Direction: FEL

Sec: 35 Twp: 7N Rng: 65W

Field Name: EATON

Field Number: 19350

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/31/2015 Date TD: 11/11/2015 Date Casing Set or D&A: 11/12/2015

Rig Release Date: 11/13/2015 Per Rule 308A.b.

Well Classification:

☐ Dry ☐ Oil ☐ Gas/Coalbed ☒ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 11700 TVD** 10529 Plug Back Total Depth MD 11692 TVD** 10529

Elevations GR 4808 KB 4824

Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

Mud & CBL in .pdf & Triple Combo in both .pdf & .las.

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
SURF	12+1/4	9+5/8	36	0	639	165	0	639	VISU
1ST	8+3/4	7	26	0	10,076	170	8,557	10,076	CALC
1ST LINER	6+1/8	4+1/2	11.6	10017	11,699				

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 11/08/2015

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
STAGE TOOL	1ST	8,557	805	160	8,557

Details of work:

Stage 2

From Depth (ft): 0 To Depth (ft): 7810

Acids/Blends/Fluids : Lead 1: 690 Sacks of 1:1:0 Poz:Type III, Density = 12 lb/gal, Volume Pumped = 239.63 (bbl) Water Temperature (°F) = 80 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 90 + 0.5 % of CFL-4 (Preblend), + 0.2 % of ASM-3 (Preblend), + 2 % of FWC-2 (Preblend), + 0.1 % of LTR (Prehydrate)

Stage 3

From Depth (ft): 7810 To Depth (ft): 8557

Acids/Blends/Fluids : Tail: 115 Sacks of 1-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 36.04 (bbl) Water Temperature(°F) = 80 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 90 + 20 % of Silica Flour (Preblend), + 8 % of SilFume (Preblend), + 0.3 % of CFR (Preblend), + 0.8 % of CFL-4 (Preblend), + 1.5 % of Gel (Preblend), + 0.25 lb/sack of Polyflake (Preblend), + 0.1 % of LTR (Preblend)

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	
NIOBRARA	7,950	8,273	NO	NO	
FORT HAYS	8,273	8,308	NO	NO	
CODELL	8,308	8,329	NO	NO	
CARLILE	8,329	8,377	NO	NO	
GREENHORN	8,377	8,527	NO	NO	
X BENTONITE	8,527	8,650	NO	NO	
D SAND	8,650	8,709	NO	NO	
J SAND	8,709	8,838	NO	NO	
SKULL CREEK	8,838	8,975	NO	NO	
DAKOTA	8,975	9,095	NO	NO	
MORRISON	9,095	9,300	NO	NO	
ENTRADA	9,300	9,432	NO	NO	
LYKINS	9,432	9,696	NO	NO	
PERMIAN	9,696	9,820	NO	NO	
FORELLE	9,820	9,866	NO	NO	
MINNEKAHTA	9,866	10,010	NO	NO	
BLAINE	10,010	10,056	NO	NO	
LYONS	10,056	10,158	NO	NO	
LOWER SATANKA	10,158	10,411	NO	NO	
WOLFCAMP	10,411	10,455	NO	NO	
AMAZON	10,455	10,506	NO	NO	
COUNCIL GROVE	10,506	10,684	NO	NO	
ADMIRE	10,684	10,738	NO	NO	
VIRGIL	10,738	10,934	NO	NO	
MISSOURI	10,934	11,006	NO	NO	
FOUNTAIN	11,006	11,274	NO	NO	
DES MOINES	11,274	11,567	NO	NO	
ATOKA	11,567	11,700	NO	NO	

Comment:

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

Signed: _____

Print Name: Paul Gottlob

Title: Regulatory & Engin. Tech.

Date: _____

Email: paul.gottlob@iptenergyservices.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400996520	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400945364	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>			
400945040	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400945045	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400945046	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400945056	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400945361	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400946028	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400995204	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)