

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:

400938168

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 05-123-42210-00

County: WELD

Well Name: NGL Apollo

Well Number: 11

Location: QtrQtr: SENE Section: 18 Township: 6N Range: 63W Meridian: 6

Footage at surface: Distance: 1446 feet Direction: FNL Distance: 699 feet Direction: FEL

As Drilled Latitude: 40.489700 As Drilled Longitude: -104.472850

GPS Data:

Date of Measurement: 11/03/2015 PDOP Reading: 1.9 GPS Instrument Operator's Name: MONTY WALLACE

** If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/19/2015 Date TD: 10/27/2015 Date Casing Set or D&A: 10/29/2015

Rig Release Date: 10/30/2015 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 9897 TVD** Plug Back Total Depth MD 9889 TVD**

Elevations GR 4663 KB 4679 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CBL, Mud & Triple Combo in .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	886	215	0	886	VISU
1ST	8+3/4	7	26	0	8,539	170	7,048	8,539	CALC
1ST LINER	6+1/8	4+1/2	11.6	8317	9,897				

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 10/25/2015

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	7,048	670	240	7,048

Details of work:

From Depth (ft): 0 To Depth (ft): 6000; Acids/Blends/Fluids :

Lead 1: 555 Sacks of 1:1:0 Poz:Type III, Density = 12 lb/gal, Volume Pumped = 193 (bbl) Water Temperature(°F) = 60 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 70 + 0.5 % of CFL-4 (Preblend), + 0.2 % of ASM-3 (Preblend), + 2 % of FWC-2 (Preblend), + 0.1 % of LTR (Preblend)

From Depth (ft): 6000 To Depth (ft): 7048; Acids/Blends/Fluids :

Tail: 115 Sacks of 1-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 36 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 70 + 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)

TOC as per CBL.

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	6,498	6,765	NO	NO	
FORT HAYS	6,765	6,788	NO	NO	
CODELL	6,788	6,802	NO	NO	
CARLILE	6,802	7,072	NO	NO	
X BENTONITE	7,072	7,240	NO	NO	
J SAND	7,240	7,409	NO	NO	
SKULL CREEK	7,409	7,515	NO	NO	
DAKOTA	7,515	7,640	NO	NO	
MORRISON	7,640	7,848	NO	NO	
CURTIS	7,848	7,913	NO	NO	
ENTRADA	7,913	7,961	NO	NO	
LYKINS	7,961	8,180	NO	NO	
PERMIAN	8,180	8,312	NO	NO	
FORELLE	8,312	8,354	NO	NO	
MINNEKAHTA	8,354	8,485	NO	NO	
BLAINE	8,485	8,539	NO	NO	
LYONS	8,539	8,660	NO	NO	
LOWER SATANKA	8,660	8,882	NO	NO	
WOLFCAMP	8,882	8,969	NO	NO	
AMAZON	8,969	9,025	NO	NO	
COUNCIL GROVE	9,025	9,192	NO	NO	
ADMIRE	9,192	9,225	NO	NO	
VIRGIL	9,225	9,359	NO	NO	
MISSOURI	9,359	9,602	NO	NO	
FOUNTAIN	9,602	9,628	NO	NO	
DES MOINES	9,628	9,777	NO	NO	
ATOKA	9,777	9,897	NO	NO	

Comment:

Per Form 2 COA - Gyro is attached.

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>			
400938551	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400938176	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Other Attachments</u>			
400938570	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400944029	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400954083	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400954299	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400954306	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400954736	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400965806	GYRO SURVEY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)