

**FORM
5**Rev
09/14**State of Colorado****Oil and Gas Conservation Commission**

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Document Number:

401987186

Date Received:

05/01/2019

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: 18600

Contact Name: Anthony Trinko

Name of Operator: COLORADO INTERSTATE GAS COMPANY LLC

Phone: (719) 520-4557

Address: P O BOX 1087

Fax:

City: COLORADO State: CO Zip: 80944

API Number 05-009-06314-00

County: BACA

Well Name: FLANK

Well Number: 51

Location: QtrQtr: NWNW Section: 9 Township: 34S Range: 42W Meridian: 6

Footage at surface: Distance: 660 feet Direction: FNL Distance: 660 feet Direction: FWL

As Drilled Latitude: 37.103536 As Drilled Longitude: -102.178885

GPS Data:

Date of Measurement: 09/23/2009 PDOP Reading: 2.2 GPS Instrument Operator's Name: G.H. Jarrell

** 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: FLANK

Field Number: 24051

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 05/04/1981 Date TD: 05/12/1981 Date Casing Set or D&A: 05/13/1981

Rig Release Date: 05/13/1981 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 4640 TVD** Plug Back Total Depth MD 4613 TVD**

Elevations GR 3734 KB 3734 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

Temperature

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	17+1/4	13+3/8	54.5	0	137				
1ST	12+6/10	9+5/8	36	0	90				
1ST TAPER	7+7/8	5+1/2	15.5	90	4,631	1,025	1,400	4,631	CALC
TAPER	12+1/4	8+5/8	24	137	1,409	900	0	1,409	VISU

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	
STONE CORRAL		1,420			
NEVA	2,588				
WABAUNSEE	2,877				
TOPEKA	2,918				
LANSING	3,497				
MARMATON	3,826				
CHEROKEE	4,039				
ATOKA	4,262				
MORROW	4,428				
MORROW B	4,554				

Operator Comments

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

Signed: _____ Print Name: Anthony P. TrinkoTitle: Sr. Reservoir Engineer Date: 5/1/2019 Email: anthony_trinko@kindermorgan.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" 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"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
401987186	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987239	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402029029	PDF-TEMPERATURE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402031926	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Casing types corrected to reflect wellbore configuration represented in WBD. 1st string hole size populated with surface string's inner diameter.	05/03/2019
Engineering Tech	returned to draft, at operator's request	05/01/2019

Total: 2 comment(s)

