

FORM
5

Rev
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



Document Number:

401996410

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 05-009-06509-00 County: BACA
Well Name: FLANK Well Number: 74
Location: QtrQtr: NWSW Section: 9 Township: 34S Range: 42W Meridian: 6
Footage at surface: Distance: 2037 feet Direction: FSL Distance: 591 feet Direction: FWL
As Drilled Latitude: 37.096440 As Drilled Longitude: -102.179144

GPS Data:
Date of Measurement: 09/24/2009 PDOP Reading: 3.2 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) 08/11/1992 Date TD: 08/20/1992 Date Casing Set or D&A: 08/22/1992
Rig Release Date: 08/22/1992 Per Rule 308A.b.

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

Total Depth MD 4670 TVD** Plug Back Total Depth MD 4610 TVD**

Elevations GR 3697 KB 3697 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL

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	8+5/8	24	0	1,406	800	0	1,406	VISU
1ST	7+7/8	5+1/2	15.5	0	4,657	1,000	0	4,657	VISU

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
DV TOOL	S.C. 1.1	3,775	200	3,775	4,657
DV TOOL	S.C. 1.2	3,775	750	0	3,775
SQUEEZE	SURF	520	500	558	
SQUEEZE	SURF	960	600	980	

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	
TOPEKA	2,861				
LANSING	3,459				
CHEROKEE	3,998				
ATOKA	4,233				
MORROW	4,394				
MORROW B	4,491				

Operator Comments

This Form 5 is being filed in response to a July 26, 2018 data request for a new Drilling Completion Report for wells that have not had one filed since 1999.

There are no cementing tickets available for this well.

Surface Casing Cement Details:

- 1) Cemented w/650 sx HLC & 150 sx Class H [Did not circulate]
- 2) Perforated 4 squeeze holes @ 960'
- 3) Cemented w/500 sx HLC & 100 sx Class C [Did not circulate]
- 4) Perforated 4 squeeze holes @ 520'.
- 5) Cemented w/400 sx HLC & 100 sx Class C [Cement circulated]

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. Trinko

Title: 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>			
401996410	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401996420	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402029152	TIF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402029186	TIF-CBL 2ND RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402033385	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	Corrected surface & 1st string sks of cement per well completion report (doc #616113) Added both remedial cement squeeze fields, per original well completion report (doc #616113) & corresponding CBLs (doc #s 402029152 & 402029186). Squeezed cement bottoms not logged. No documentation provided to verify DV Tool work other than WBD.	05/06/2019
Engineering Tech	returned to draft, at operator's request	05/01/2019

Total: 2 comment(s)

