

FORM
5

Rev
10/14

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402030647

Date Received:

05/03/2019

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/or 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: <u>74165</u>	Contact Name: <u>Edward Ingve</u>
Name of Operator: <u>RENEGADE OIL & GAS COMPANY LLC</u>	Phone: <u>(303) 829-2354</u>
Address: <u>6155 S MAIN STREET #210</u>	Fax: <u>(303) 680-4907</u>
City: <u>AURORA</u> State: <u>CO</u> Zip: <u>80016</u>	Email: <u>ed@renegadeoilandgas.com</u>

API Number <u>05-099-06045-00</u>	County: <u>PROWERS</u>
Well Name: <u>KERN ESTATE</u>	Well Number: <u>1</u>
Location: QtrQtr: <u>CNE</u> Section: <u>5</u> Township: <u>23S</u> Range: <u>47W</u> Meridian: <u>6</u>	
	FNL/FSL FEL/FWL
Footage at surface: Distance: <u>1320</u> feet Direction: <u>FNL</u> Distance: <u>1320</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>38.081291</u> As Drilled Longitude: <u>-102.709438</u>	
GPS Data:	
Date of Measurement: <u>03/12/2009</u> PDOP Reading: <u>2.0</u> GPS Instrument Operator's Name: <u>Burt West</u>	
	FNL/FSL FEL/FWL
** If directional footage at Top of Prod. Zone Dist: _____ feet Direction: _____ Dist: _____ feet Direction: _____	
Sec: _____ Twp: _____ Rng: _____	
	FNL/FSL FEL/FWL
** If directional footage at Bottom Hole Dist: _____ feet Direction: _____ Dist: _____ feet Direction: _____	
Sec: _____ Twp: _____ Rng: _____	
Field Name: <u>BETA</u> Field Number: <u>6300</u>	
Federal, Indian or State Lease Number: _____	

Spud Date: (when the 1st bit hit the dirt) 03/21/1974 Date TD: 04/02/1974 Date Casing Set or D&A: 04/02/1974
 Rig Release Date: 04/03/1974 Per Rule 308A.b.

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

Total Depth MD <u>4781</u> TVD** _____	Plug Back Total Depth MD <u>4735</u> TVD** _____
Elevations GR <u>3665</u> KB <u>3675</u>	Digital Copies of ALL Logs must be Attached per Rule 308A <input type="checkbox"/>

List Electric Logs Run:

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	20	0	315	200	0	315	VISU
1ST	7+7/8	4+1/2	10.5	0	4,780	140	4,360	4,780	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 12/17/2007

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	3,347	160	2,720	3,354
STAGE TOOL	1ST	2,675	325	775	2,685
1 INCH	1ST	767	150	0	775
SQUEEZE	1ST	3,867	150	3,540	3,900

Details of work:

4/3/1974 - The DV tool cement work listed first is from the original completion. The original completion report filed did not properly reflect this work. Instead of representing a 140 sack primary cement job followed by a 160 sack DV job, a 300 sack primary long string job was represented. A summary of the cementing work performed found in the well file has been attached. The cement top of the original lower part of the job is 4360' and the DV cement top is 2720' based on a CBL from 4/23/1974.

12/17/2007 - In an attempt to resolve all uphole bad pipe issues, Renegade backed off and replaced all casing from 2685' to surface. A latchdown insert was placed in the first connection above the bottom casing skirt tool. Cement was pumped (325 sacks) down the replacement casing and displaced. A port collar tool was run at 1143' for additional uphole cementing but it couldn't be shifted open.

12/26/2007 - Due to the port collar malfunction, 1" tubing was run to 775' down the bradenhead and used to place 150 sacks cement back to surface. An additional casing leak discovered at 3867' was repaired with a 150 sack cement squeeze. Placement of cement from both jobs was confirmed with a CBL run 1/4/2008. This CBL and cement tickets have previously been submitted with a Sundry Notice filed 4/22/2008.

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	

Operator Comments:

This Form 5 Drilling Completion Report is being filed at the request of Diana Burn of the COGCC to reflect work performed from a 2007-2008 casing repair workover of the Kern Estate #1. This work had previously been summarized within an earlier approved Form 4 Sundry Notice dated 4/22/2008.

This Form 5 also adds details to the initial completion not fully disclosed by the original operator with the initial Completion Report. Specifically, cementing of a unreported DV tool has now been fully divulged. Examination of the documents on file for the well has revealed that several of the original logs for the well were not posted. Renegade will work with the COGCC to get those posted.

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

Signed: _____ Print Name: Edward Ingve

Title: Manager/Owner Date: 5/3/2019 Email: ed@renegadeoilandgas.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Other Attachments			
402030647	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402031565	OPERATIONS SUMMARY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Removed list of electrical logs run (these logs were uploaded via sundry and were not attached to this form) Confirmed remedial cement work done with CBL in well file doc# 1349702 and attached operations summary doc# 402031565 Passed engineering review	02/20/2020

Total: 1 comment(s)

