

State of Colorado
Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

Document Number:
401305070

Date Received:
06/09/2017

INJECTION WELL PERMIT APPLICATION

Submit a completed Form 33 with or after approval obtained on Form 31 (Underground Injection Formation Permit Application) or you must have a previously approved injection Well Permit.

1. Operator may not commence injection into this well until this form is approved.
2. Each individual injection well must be approved by this form.

Per Rule 325, this form shall be submitted with all required attachments.
A Form 33 – Intent shall be submitted and approved prior to completing an injection zone.
A Form 33 – Subsequent shall be submitted following completion of the well and must be approved prior to injection.
NOTE: Injection for Enhanced Recovery requires the field to be unitized according to the 400 Series Rules. Injection for Disposal into a producing field requires unitization of the formation in the field.

Form 33 Type Intent Subsequent

OPERATOR INFORMATION

OGCC Operator Number: <u>61250</u> Name of Operator: <u>MULL DRILLING COMPANY INC</u> Address: <u>1700 N WATERFRONT PKWY B#1200</u> City: <u>WICHITA</u> State: <u>KS</u> Zip: <u>67206-6637</u>	Contact Name and Telephone: Name: <u>Mark Shreve</u> Phone: <u>(316) 264-6366</u> Fax: <u>(316) 264-6440</u> Email: <u>mshreve@mulldrilling.com</u>
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WELL INFORMATION

Well Name and Number: Quiver Unit 2 API No: 05-061-06763-00
 Field Name and Number: QUIVER 70900 County: KIOWA
 QtrQtr: SWNE Sec: 1 Twp: 17S Range: 48W Meridian: 6

UIC FACILITY INFORMATION

UIC Facility ID: 160007 (as assigned on an approved Form 31)
 Facility Name: Quiver Unit Facility Number: _____

WELLBORE INFORMATION

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	24	0	453	275	453	0	VISU
1ST	7+7/8	5+1/2	15.5	0	5137	100	5137	4236	CBL
	7+7/8	5+1/2	Stage Tool	0	2472	450	2472	0	VISU

Plug Back Total Depth: 5092 Tubing Depth: 5073 Packer Depth: _____

List below all Plugs, Bridge Plugs, Stage Cementing or Squeeze Work performed on this wellbore:

Describe below any changes to the wellbore which will be made upon conversion (includes but not limited to changes of tubing and packer setting depths, any additional squeeze work for aquifer protection or casing leaks, setting of bridge plugs to isolate non-injection formations).

Additional perforations will be added. Perforated interval intended to be 5050-5061 ft. 2-7/8"-tubing and packer to be set @ 5025 ft.

WELLBORE COMPLETIONS

Formation Name	Gross Completed Interval from Top	Gross Completed Interval from Bottom	Completion Type
SPERGEN	5050	5056	Perforated

Operator Comments:

[Empty box for Operator Comments]

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

Print Name: Risa Carter

Signed: _____ Title: Production Tech. Date: 6/9/2017 1:52:43 PM

OGCC Approved: Matthew Lee Title: _____ Date: 8/29/2017 1:04:56 PM

MAX. SURFACE INJECTION PRESSURE: 850 If Disposal Well, MAX. INJECTION VOL. LIMIT: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
	1. Injection is not authorized until SUBSEQUENT versions of Forms 31 and 33 are approved. 2. MIT with injection tubing and packer set in final configuration for injection required for approval of SUBSEQUENT Forms 31 and 33.

Attachment Check List

Att Doc Num	Name
401305070	FORM 33-INTENT-SUBMITTED
401305082	WELLBORE DIAGRAM-CURRENT
401305083	WELLBORE DIAGRAM-PROPOSED

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
UIC	Original Form 5 (Doc 875928) says PBTD is @ 5008 ft. That makes no sense as it would be above production perforations. Did not change PBTD of 5092 ft cited here. Requested email with clarification from operator and made correction to Scout Card, 5092 ft is correct.	08/29/2017
UIC	Operator mixed data from current configuration with proposed. Separated the two on the Casing/Cementing and Completions tabs.	08/29/2017
UIC	In order to create an UIC Enhanced Recovery Facility for the Quiver Unit the existing UIC Disposal Facility # 159060 will be closed out and a new Facility will be created. The Quiver Unit #2 (API: 061-06763) well is the initial injector in the new UIC Enhanced Recovery Facility. The Quiver Unit #1 (API: 061-06767) will be converted from Disposal to Enhanced Recovery as soon as a Form 33 for the new Facility is filed.	08/29/2017

Total: 3 comment(s)