

State of Colorado
Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

Document Number:

2618298

Date Received:

11/19/2014

INJECTION WELL PERMIT APPLICATION

Submit a completed Form 33 with or after approval obtained on Form 31 (Underground Injection 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.

OPERATOR INFO

OGCC Operator Number: <u>95620</u>	Contact Name and Telephone:
Name of Operator: <u>WESTERN OPERATING COMPANY</u>	Name: <u>D. Scott Stapp</u>
Address: <u>518 17TH ST STE 200</u>	Phone: <u>(303) 204-0446</u> Fax: <u>()</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>scott@westernoperating.com</u>

Well Name and Number: <u>EMERALD</u> <u>2-35</u>	API No: <u>05-075-08391-00</u>
UIC Facility No: <u>150330</u> (as assigned on an approved Form 31)	
Facility Name: _____	Operator Name: <u>WESTERN OPERATING COMPANY</u>
Field Name and Number: <u>EMERALD</u> <u>20750</u>	County: _____
QtrQtr: <u>NESW</u> Sec: <u>35</u> Twp: <u>9N</u> Range: <u>54W</u> Meridian: <u>6</u>	

CURRENT 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	10+3/4	8+5/8	28	0	126	125	126	0	VISU
1ST	7+7/8	5+1/2	14-15.5	0	5260	125	5260	4260	CALC

Current Work Date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
SQUEEZE	1ST	870		0	870
SQUEEZE	1ST	870		0	870
SQUEEZE	1ST	870		0	870
SQUEEZE	1ST	870		0	870
SQUEEZE	1ST	870		0	870
SQUEEZE	1ST	870		0	870
SQUEEZE	1ST	870		0	870

 Plug Back Total Depth: 5260 Tubing Depth: 5169 Packer Depth: 5169

JSND Formation Gross Perforation Interval: 5208 to 5245
 _____ Formation Gross Perforation Interval: _____ to _____
 _____ Formation Open Hole Interval(if any): _____ to _____

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

(WBD in Doc # 2618302 shows squeeze of 5-1/2 casing annulus from 870 ft to surface. No available documentation at this time. See COA. RPK 1/14/2015)

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).

Drill out cement and perforate from 5218-5226 and 5234-5246 set packer approx 5150 and convert to water disposal. (Actual J-Sand perms 5208'-5214' and 5233'-5245')

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: D. Scott Stapp

Signed: _____ Title: VP of Origination Date: 11/19/2014 12:00:00 AM

OGCC Approved:  Title: _____ Date: 1/14/2015 11:24:18 AM

MAX. SURFACE INJECTION PRESSURE: 870

If Disposal Well, MAX. INJECTION VOL. LIMIT: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	Wellbore diagram, see Doc # 2618302, shows squeeze of 5-1/2" casing from 870' to surface. This squeeze is currently not in COGCC records. Operator required to contact COGCC and discuss source of information. If information available operator required to file a Form 5 to update COGCC files.
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Attachment Check List

Att Doc Num

Name

2618298	FORM 33 SUBMITTED
2618302	CORRESPONDENCE-UPDATES

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

#Error	Updated Form 33 from 1/9/2015 (scanned Doc # 2618302) shows bottom J-Sand perf at 5242'. Associated wellbore diagram and Form 5A Doc # 400757211 say bottom is 5245'. Used 5245'.	1/14/2015 10:51:17 AM
#Error	Well given Maximum Surface Injection Pressure of 870 psi based on other wells in existing Enhanced Recovery Program.	1/14/2015 10:38:36 AM

Total: 2 comment(s)