

Submit In Quadruplicate To:  
**MONTANA BOARD OF OIL AND GAS CONSERVATION**  
2535 ST. JOHNS AVENUE  
BILLINGS, MONTANA 59102

**RECEIVED**  
**OCT - 4 2017**

**SUNDRY NOTICES AND REPORT OF WELLS**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Operator Scout Energy Management, LLC  
Address 4901 LBJ Freeway, Suite 300  
City Dallas State TX Zip Code 75244  
Telephone 972-325-1027 Fax

Lease Name: MTBIL023296b

Type (Private/State/Federal/Tribal/Allotted):  
FEDERAL

Well Number:  
2678

Location of well (1/4-1/4 section and footage measurements):  
NW, NE 636' FNL, 1910' FEL  
Latitude 46.12549 Longitude -104.12887

Unit Agreement Name:  
8B

Field Name or Wildcat:  
CEDAR CREEK

Township, Range, and Section:  
T4N, R61E, Sec 10

API Number:  
25 | 025 | 22757  
State County Well

Well Type (oil, gas, injection, other):  
GAS

County:  
FALLON

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	<input type="checkbox"/>	Subsequent Report of Mechanical Integrity Test	<input type="checkbox"/>
Notice of Intention to Run Mechanical Integrity Test	<input type="checkbox"/>	Subsequent Report of Stimulation or Treatment	<input type="checkbox"/>
Notice of Intention to Stimulate or to Chemically Treat	<input checked="" type="checkbox"/>	Subsequent Report of Perforation or Cementing	<input type="checkbox"/>
Notice of Intention to Perforate or to Cement	<input checked="" type="checkbox"/>	Subsequent Report of Well Abandonment	<input type="checkbox"/>
Notice of Intention to Abandon Well	<input type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing	<input type="checkbox"/>	Subsequent Report of Drilling Waste Disposal	<input type="checkbox"/>
Notice of Intention to Change Well Status	<input type="checkbox"/>	Subsequent Report of Production Waste Disposal	<input type="checkbox"/>
Supplemental Well History	<input type="checkbox"/>	Subsequent Report of Change in Well Status	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	Subsequent Report of Gas Analysis (ARM 36.22.1222)	<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>

**Describe Proposed or Completed Operations:**

Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.

The above listed well will be perforated and hydraulic fractured.  
Estimated total volume of treatment: Clean Foam/Clean Fluid - 14,333 gallons, N2 - 58,194 scf, Surface Slurry - 151 bbls  
Estimated volume of principal components: 4,300 gallons  
Estimated weight or volume of inert substances for well cleanup: 102 bbls  
Maximum anticipated treating pressure: 380 psi  
The description of fracturing fluids that will be used is attached to this form.  
The well will be perforated in zone 2: 742' - 752'. A bridge plug will also be set at 1014' to shut off the Eagle Perforations and only produce from the Judith River.

The undersigned hereby certifies that the information contained on this application is true and correct:

10-2-17   
Date Signed (Agent)

Tee Brown, Sr. Regulatory Specialist

Print Name and Title

Telephone: 972-325-1027

**BOARD USE ONLY**

Approved OCT 06 2017  
Date

**Accepted for record purposes only**



Name Title

## Baker 2678

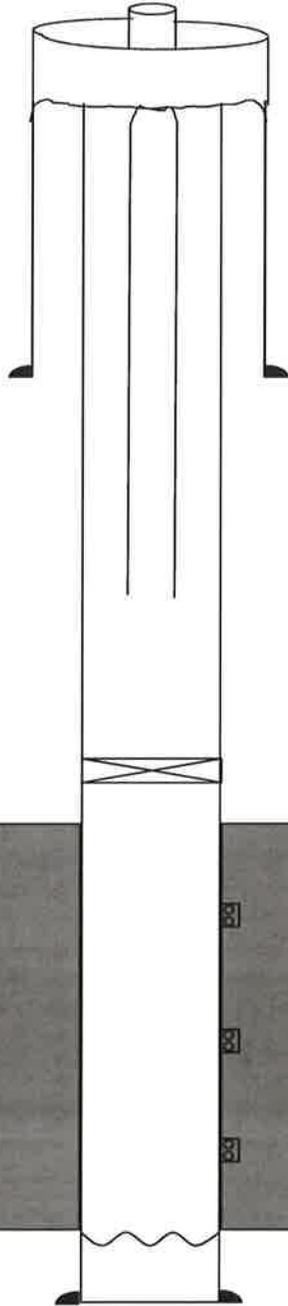
Spud 07/26/2007  
Completed 09/29/2007  
API 25-025-22757  
EAC 09/19/2017

### CURRENT COMPLETION

KB: 3013' (6')  
GL: 3007'  
DF:

2542' FNL & 141' FWL  
SW-NW, Sec. 11, T4N, R61E  
Fallon, MT

Cum Production thru 08/30/2017  
0 BO 169,977 MCF 9,822 BW



7" (Hole 9.875"), H-40/8 RND 17#/FT  
@ 160' w/ 65 sacks w/ 2.5 barrels returned  
TOC @ surface - circ

Judith River  
Proposed Perfs:  
742'-752'

Proposed Tubing: 732' +/- of 1.75" X 1.0" polytube HDPE  
as velocity string  
Proposed Composite Bridge Plug: 1014'

TBG: 1312' of 1.75" X 1.0" polytube HDPE  
as velocity string

Eagle: 1085'-1560'

4.5" (Hole 6.25"), J-55 10.5#/FT  
@ 1606' w/ 45 sacks lead and 118 sacks tail  
w/ 3 barrels returned  
TOC @ surface - circ  
Short Joint @ 1214'-1243'

Eagle:  
1482'-1492' 4 spf (9/07)  
1342'-1352' 4 spf (9/07)  
1276'-1286' 4 spf (9/07)  
frac w/ 43900# 12/20 sand, N2 (9/07)  
frac w/ 44137# 12/20 sand, N2 (9/07)  
frac w/ 42810# 12/20 sand, N2 (9/07)

PBTD - 1577'  
TD - 1620'

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02522757 10/3/2017

Scout

Basic Energy Services

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Water	CUSTOMER	BASE FLUID	WATER	7732-18-5	100.00%	119394	68.704998%
FRAC SAND (ALL MESH)	PROPPANT SPECIALTIES	PROPPANT	CRYSTALLINE SILICA	14808-60-7	100.00%	45000	25.895169%
CL-58	QUEST	LIQUID KCL REPLACEMENT	CHOLINE CHLORIDE	67-48-1	100.00%	80	0.046145%
GEL-100	Hercules	FRAC GEL	carboxymethyl 2-hydroxypropyl ether	68130-15-4	100.00%	100	0.057545%
WF-3	EES	FOAMER	METHANOL	67-56-1	50.00%	82	0.046957%
			2-BUTOXYETHANOL	111-76-2	50.00%	82	0.046957%
BIO-II	WEATHERFORD	BIOCIDES	2,2-dibromo-3-nitropropionamide	10222-01-2	100.00%	2	0.001151%
BREAKER-503L	EES	LIQUID ENZYME BREAKER	SURCOSE	57-50-1	50.00%	1	0.000768%
			ETHYLENE GLYCOL	107-21-1	50.00%	1	0.000768%
GB-3	UNIVAR	AMMONIUM PERSULFATE/ OXIDATIVE BREAKER	Ammonium Persulfate	7727-54-0	100.00%	1	0.000575%
GB-3 (Encap)	CHEMPLEX	ENCAPSULATED OXIDATIVE BREAKER	POTASSIUM PERSULFATE	7727-21-1	50.00%	1	0.000575%
			SILICA	14808-60-7	50.00%	1	0.000575%
S-3	EES	SURFACTANT	WATER	7732-18-5	92.00%	30	0.017280%
			SODIUM CARBONATE	497-19-18	4.00%	1	0.000751%
			PROTEOLYTIC ENZYME	9014-01-1	0.01%	0	0.000002%
			LINEAR ALKYL BENZENE SULFONATE	68081-81-2	1.50%	0	0.000282%
			PRIMARY C14-15 ALCOHOL SULFATE	68081-98-1	1.00%	0	0.000188%
			ALCOHOL ETHER SULFATE	68585-34-2	0.50%	0	0.000094%
			D-LIMONENE	94266-47-4	1.00%	0	0.000188%
KCL	UNIVAR	CLAY CONTROL/ KCL	POTASSIUM CHLORIDE	7447-40-7	100.00%	9000	5.179034%

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8/14/2017

Mel Hicks  
Scout Energy Partners  
4901 Lbj Freeway, Ste 300  
Dallas, Tx 75244

Thank you for the opportunity to present the following treatment proposal. This recommendation is submitted for your consideration.

**Well Data**

Casing: 4 1/2 in 10.5 lb/ft, J-55  
Tubing: None

Stage Info	Stage 1
Formation:	JUDITH RIVER
Packer/ EOT Depth:	
TVD:	800
Perf. Top:	730
Perf. Btm:	740
SPF:	2
Total Shots:	100
Perf Diam:	0.4
Bht (deg F)	100
Frac Gradient:	0.9

**Treatment Summary**

Primary Fluid SpGr:	1.01
Treat Via:	Casing
Primary Fluid Type:	25-35# MavFrac
CO2 (y/n):	No
Estimated Treat psi:	380
Estimated Perf Fric (psi):	3
Acid Volume (gls):	
Total Clean Fluid/Foam (gls):	14,333
Pad Volume (gls):	3,000
SLF Volume (gls):	10,333
Estimated Flush Volume (gls):	489
Proppant Volume (lbs):	45,000
Estimated Pump Time (min):	26.0

\*NOTE: Total clean fluid/foam volume does not include flush volume.

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**FLUID SPECIFICATIONS AND REQUIREMENTS**

<b>Tank Requirements:</b>	<b>1</b>	<b>500 bbl tanks</b>	<b>Tank Bottoms:</b>	<b>30 bbl/tank</b>	
Fluid1:	25 lb	Gelled Water			4,000 Gallons
<b>Additives:</b>					
RM258	2%	CL-58, Liquid Kcl Replacement			
RM2003	25 ppt	GEL-100, Cmhpq Gel			
RM413	5 ppt	WF-3, Foamer			
RM323	1 ppt	S-3, Surfactant			
RM141	0.15 ppt	BREAKER-503L, Liquid Enzyme Breaker			
RM142	0.3 ppt	GB-3, Oxidative Breaker			
RM145	0.5 ppt	GB-3 (Encap), Encapsulated Oxidative Breaker			
RM582	0.4 ppt	BIO-II, Dry Biocide			
	2				
Fluid 2:	10 lb	Gelled Water			300 Gallons
<b>Additives:</b>					
RM258	2%	CL-58, Liquid Kcl Replacement			
RM2003	10 ppt	GEL-100, Cmhpq Gel			

<b>Fluid Required (Not Including Tank Bottoms):</b>	<b>4,300 Gallons</b>
	<b>102 Bbls</b>
<b>Tank Bottoms:</b>	<b>30 Bbls</b>
<b>Total Fluid Required:</b>	<b>132 Bbls</b>

**ACID REQUIREMENTS**

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