

Submit In Quadruplicate To:

MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102

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OCT - 4 2017

SUNDRY NOTICES AND REPORT OF WELLS

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Operator Scout Energy Management, LLC		Lease Name: MTBIL023250a	
Address 4901 LBJ Freeway, Suite 300		Type (Private/State/Federal/Tribal/Allotted): FEDERAL	
City Dallas	State TX	Zip Code 75244	Well Number: 2140
Telephone 972-325-1027	Fax		Unit Agreement Name: 8B
Location of well (1/4-1/4 section and footage measurements): NW, SE, 1673' FSL, 1515 FEL Latitude 46.1028115 Longitude -104.0650759		Field Name or Wildcat: CEDAR CREEK	
API Number: 25 025 21870 State County Well		Township, Range, and Section: T4N, R62E, Sec 18	
Well Type (oil, gas, injection, other): GAS		County: FALLON	

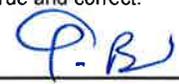
Indicate below with an X the nature of this notice, report, or other data:

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"/>

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: 722' - 732'. A bridge plug will also be set at 966' to shut off the Eagle Perforations and only produce from the Judith River.

BOARD USE ONLY		The undersigned hereby certifies that the information contained on this application is true and correct:	
Approved OCT 06 2017	Date	10-2-17	
Accepted for record purposes only	Name	Tee Brown, Sr. Regulatory Specialist	
	Title	Print Name and Title	
		Telephone:	972-325-1027

Baker 2140

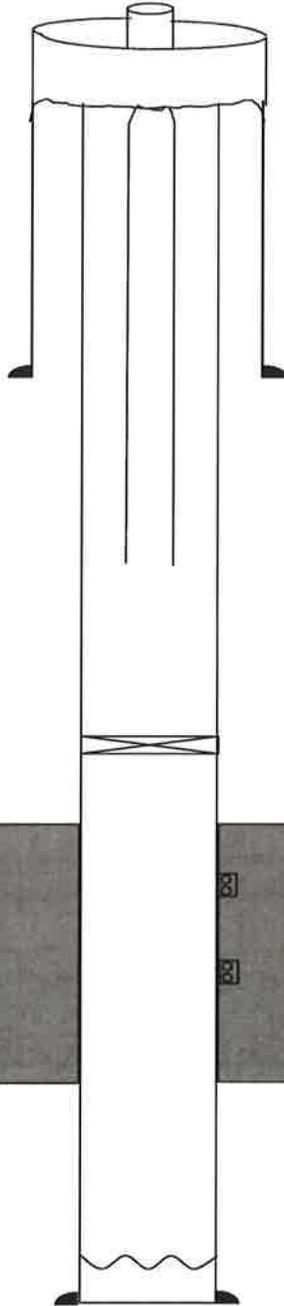
Spud 08/27/2000
Completed 10/13/2000
API 25-025-21870
EAC 09/19/2017

CURRENT COMPLETION

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

1673' FSL & 1515' FEL
NW-SE, Sec. 18, T4N, R62E
Fallon, MT

Cum Production thru 08/30/2017
0 BO 178,221 MCF 4,167 BW



7" (Hole 9.875"), H-40/8 RND 17#/FT
@ 163' w/ 75 sacks w/ 3.5 barrels returned
TOC @ surface - circ

Judith River:
Proposed Perfs:
722'-732'

Proposed Tubing: 712' +/- of 1.50" X 0.7" polytube HDPE
for velocity string
Proposed Composite Bridge Plug: 966'

TBG: LAST PULLED 03/25/2002
1185' of 1.50" X 0.7" polytube HDPE
for velocity string.

Eagle: 1057-1507'

Eagle:
1300'-1310' 4 spf (10/00)
1200'-1210' 4 spf (10/00)
frac w/ 45000# 12/20 sand, N2 (10/00)
frac w/ 45200# 12/20 sand, N2 (10/00)

4.5" (Hole 6.25"), J-55/8 RND 10.5#/FT
@ 1853' w/ 45 sacks lead and 160 sacks tail
w/ 8.0 barrels returned
TOC @ surface - circ
Short Joint @ 1378'-1407'

PBTD - 1824'
TD - 1870'

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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	BIOCIDE	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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