

FORM
5A

Rev
06/12

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400471064

Date Received:

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 10276
2. Name of Operator: PINE RIDGE OIL & GAS LLC
3. Address: 600 17TH ST STE 800S
City: DENVER State: CO Zip: 80202
4. Contact Name: Paul Gottlob
Phone: (303) 226-1316
Fax: (303) 226-1301

5. API Number 05-073-06540-00
6. County: LINCOLN
7. Well Name: Surprise
Well Number: 12-54-36-6
8. Location: QtrQtr: SENW Section: 36 Township: 12S Range: 54W Meridian: 6
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: ATOKA Status: DRY AND ABANDONED Treatment Type: ACID JOB
Treatment Date: 08/19/2013 End Date: 08/19/2013 Date of First Production this formation: 08/15/2013
Perforations Top: 6562 Bottom: 6689 No. Holes: 144 Hole size: 052/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

8-15-13: Perforated from 6682'-6689'; 6639'-6645'; 6616'-6619'; 6605'-6613'; 6595'-6600'; 6562'-6569'; with 4 jsfp, 90 degree phasing, 39 gm shot, 0.52" hole.

8-19-13: Acidized w/ 2200 gals (52 Bbls) 15% HCl, Hole loaded @ 43 Bbls, Flushed w/ 38 Bbls formation water to top perf.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 90

Max pressure during treatment (psi): 600

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl): 52

Number of staged intervals:

Recycled water used in treatment (bbl): 38

Flowback volume recovered (bbl): 66

Fresh water used in treatment (bbl):

Disposition method for flowback: DISPOSAL

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/20/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 66
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 66 GOR: 0
Test Method: Swabbing Casing PSI: 0 Tubing PSI: 0 Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 0
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production: No oil.

Date formation Abandoned: 08/20/2013 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: 6520 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: CHEROKEE Status: SHUT IN Treatment Type: ACID JOB
Treatment Date: 08/21/2013 End Date: 08/26/2013 Date of First Production this formation: 08/20/2013
Perforations Top: 6140 Bottom: 6183 No. Holes: 60 Hole size: 052/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

8-20-13: Perforated Cherokee "B" 6140'-6149': with 4 spf, 90 degree phasing, 39 gm shot, 0.52" hole.
8-21-13: Acidized w/ 750 gals (18 Bbls), 15% HCl, Hole loaded at 38 Bbls, Held injection rate @ 2.5 BPM throughout job at 260 to 490 PSIG ATP, Formation broke @ 1038 PSIG, Flushed w/ 35.5 Bbls.
8-23-13: Perforated Cherokee "A" 6140'-6149': with 4 spf, 90 degree phasing, 39 gm shot, 0.52" hole.
8-26-13: Acidized w/ 1000 gals (24Bbls), 15% HCl, Hole loaded at 34 Bbls, Held injection rate @ 2 BPM throughout job at 242 PSIG ATP, Formation broke @ 1028 PSIG, Flushed w/ 36.5 Bbls KCl water.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 74

Max pressure during treatment (psi): 1038

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl): 44

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 272

Fresh water used in treatment (bbl): 30

Disposition method for flowback: DISPOSAL

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/23/2013 Hours: 24 Bbl oil: 4 Mcf Gas: 0 Bbl H2O: 35
Calculated 24 hour rate: Bbl oil: 4 Mcf Gas: 0 Bbl H2O: 35 GOR: 0
Test Method: Swabbing Casing PSI: 0 Tubing PSI: 0 Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 0
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production: SI to move up and test the Virgil Formation.

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

FORMATION: MORROW-KEYES		Status: DRY AND ABANDONED		Treatment Type: ACID JOB	
Treatment Date: 08/14/2013		End Date: 08/14/2013		Date of First Production this formation: 08/13/2013	
Perforations	Top: 6876	Bottom: 6952	No. Holes: 138	Hole size: 042/100	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
8-13-13: Perforated from 6945'-6952'; 6928'-6936'; 6918'-6920'; 6910'-6920'; 6876'-6880': with 6 jsp, 90 degree phasing, 22 gm shot, 0.42" hole. 8-14-13: Acidized with 1500 gal 15% HCl, Well broke @ 1200 PSIG @ .5 BPM, Flushed w/ 43 Bbls 2% KCl water.					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): 78		Max pressure during treatment (psi): 1200			
Total gas used in treatment (mcf):		Fluid density at initial fracture (lbs/gal):			
Type of gas used in treatment:		Min frac gradient (psi/ft):			
Total acid used in treatment (bbl): 35		Number of staged intervals:			
Recycled water used in treatment (bbl):		Flowback volume recovered (bbl): 94			
Fresh water used in treatment (bbl): 43		Disposition method for flowback: DISPOSAL			
Total proppant used (lbs):		Rule 805 green completion techniques were utilized: <input type="checkbox"/>			
		Reason why green completion not utilized: PRESSURE			
Fracture stimulations must be reported on FracFocus.org					
Test Information:					
Date: 08/15/2013	Hours: 24	Bbl oil: 0	Mcf Gas: 0	Bbl H2O: 94	
Calculated 24 hour rate:	Bbl oil: 0	Mcf Gas: 0	Bbl H2O: 94	GOR: 0	
Test Method: Swabbing	Casing PSI:	Tubing PSI:	Choke Size:		
Gas Disposition:	Gas Type:	Btu Gas: 0	API Gravity Oil: 0		
Tubing Size:	Tubing Setting Depth:	Tbg setting date:	Packer Depth:		
Reason for Non-Production: No oil.					
Date formation Abandoned: 08/15/2013	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt			
** Bridge Plug Depth: 6830	** Sacks cement on top: 2	** Wireline and Cement Job Summary must be attached.			

FORMATION: <u>MISSISSIPPIAN</u>		Status: <u>DRY AND ABANDONED</u>		Treatment Type: _____	
Treatment Date: _____		End Date: _____		Date of First Production this formation: <u>08/12/2013</u>	
Perforations	Top: <u>6988</u>	Bottom: <u>7000</u>	No. Holes: <u>72</u>	Hole size: <u>042/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
8-9-13: Perforated 6988'-7000' with 6 jsf, 60 degree phasing, 22gm shots, 0.42" hole.					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): _____			Max pressure during treatment (psi): _____		
Total gas used in treatment (mcf): _____			Fluid density at initial fracture (lbs/gal): _____		
Type of gas used in treatment: _____			Min frac gradient (psi/ft): _____		
Total acid used in treatment (bbl): _____			Number of staged intervals: _____		
Recycled water used in treatment (bbl): _____			Flowback volume recovered (bbl): _____		
Fresh water used in treatment (bbl): _____			Disposition method for flowback: _____		
Total proppant used (lbs): _____			Rule 805 green completion techniques were utilized: <input type="checkbox"/>		
			Reason why green completion not utilized: <u>PRESSURE</u>		
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
Date: <u>08/12/2013</u>	Hours: <u>24</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>18</u>	
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>18</u>	GOR: <u>0</u>	
Test Method: <u>Swabbing</u>	Casing PSI: <u>0</u>	Tubing PSI: <u>0</u>	Choke Size: _____		
Gas Disposition: _____	Gas Type: _____	Btu Gas: <u>0</u>	API Gravity Oil: <u>0</u>		
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____		
Reason for Non-Production: No oil.					
Date formation Abandoned: <u>08/12/2013</u>	Squeeze: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: <u>6980</u>	** Sacks cement on top: <u>1</u>	** Wireline and Cement Job Summary must be attached.			

FORMATION: VIRGIL Status: DRY AND ABANDONED Treatment Type: _____
Treatment Date: _____ End Date: _____ Date of First Production this formation: 08/29/2013
Perforations Top: 5416 Bottom: 5510 No. Holes: 80 Hole size: 052/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

8-29-13: Perforated f/ 5500'-5510'; 5436'-5440'; 5416'-5422', 4 spf, 90 degree phasing, 39 gm shot, 0.52" hole.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): _____

Max pressure during treatment (psi): _____

Total gas used in treatment (mcf): _____

Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: _____

Min frac gradient (psi/ft): _____

Total acid used in treatment (bbl): _____

Number of staged intervals: _____

Recycled water used in treatment (bbl): _____

Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____

Disposition method for flowback: _____

Total proppant used (lbs): _____

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/30/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 165
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 165 GOR: 0
Test Method: Swabbing Casing PSI: 0 Tubing PSI: 0 Choke Size: _____
Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 0
Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production: No oil.

Date formation Abandoned: 09/03/2013 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

** Bridge Plug Depth: _____ ** Sacks cement on top: _____ ** Wireline and Cement Job Summary must be attached.

Comment:

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

Signed: _____ Print Name: Paul Gottlob

Title: Sr. Engineering Tech. Date: _____ Email paul.gottlob@cometridgeresources.com

:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400472781	WIRELINE JOB SUMMARY
400472782	WIRELINE JOB SUMMARY
400472783	WIRELINE JOB SUMMARY
400472784	WIRELINE JOB SUMMARY
400472785	WIRELINE JOB SUMMARY
400472789	OTHER
400472792	OTHER
400472795	OTHER
400474766	WIRELINE JOB SUMMARY
400475752	OTHER
400480631	WELLBORE DIAGRAM

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)