FORM 5A
Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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Date Received: 11/21/2011

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: 10332
2. Name of Operator: PATARA OIL & GAS LLC
3. Address: 333 CLAY STREET #3960
City: HOUSTON State: TX Zip: 77002
4. Contact Name: Christopher Noonan
Phone: (303) 563-5377
Fax: (720) 235-4560
Email: bnoonan@pataraog.com

5. API Number 05-113-06243-00
6. County: SAN MIGUEL
7. Well Name: HC Fed
Well Number: 31-31B-45-14
8. Location: QtrQtr: Lot 3 Section: 31 Township: 45N Range: 14W Meridian: N
9. Field Name: HAMILTON CREEK Field Code: 33540

Completed Interval

FORMATION: AKAH SALT Status: PRODUCING Treatment Type:

Treatment Date: 10/02/2011 End Date: Date of First Production this formation: 10/25/2011

Perforations Top: 8690 Bottom: 9074 No. Holes: 272 Hole size: 34/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Frac Treated 10/3/2011 w/87,868# sand and Co2 foam

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: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

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: DESERT CREEK Status: PRODUCING Treatment Type:

Treatment Date: 10/20/2011 End Date: Date of First Production this formation: 11/25/2011

Perforations Top: 8372 Bottom: 8410 No. Holes: 152 Hole size: 34/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Frac Treated 10/21/2011 w/96,212# sand and Co2 foam

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: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

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: HONAKER TRAIL Status: PRODUCING Treatment Type:

Treatment Date: 10/22/2011 End Date: Date of First Production this formation: 11/25/2011

Perforations Top: 7393 Bottom: 7591 No. Holes: 150 Hole size: 34/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Frac Treated 10/22/2011 w/129,689# sand and Co2 foam

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: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

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: HOVENWEEP SHALE Status: PRODUCING Treatment Type:

Treatment Date: 10/21/2011 End Date: Date of First Production this formation: 10/25/2011

Perforations Top: 7970 Bottom: 8018 No. Holes: 129 Hole size: 34/100

Provide a brief summary of the formation treatment: Open Hole: ☐

Frac Treated 10/21/2011 w/81,363# sand and Co2 foam

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: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

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: HERMOSA Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 7393 Bottom: 9074 No. Holes: 703 Hole size: 34/100

Provide a brief summary of the formation treatment: Open Hole: ☐

All productive formations are part of the Hermosa Group.

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: 11/24/2011 Hours: 24 Bbl oil: 0 Mcf Gas: 3000 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 3000 Bbl H2O: 0 GOR:

Test Method: measured Casing PSI: 320 Tubing PSI: Choke Size: 32/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 981 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7293 Tbg setting date: 11/01/2011 Packer Depth:

Reason for Non-Production:

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.

Comment:

Test data representative of all productive, commingled zones.

Please contact Christopher Noonan with Patara with any questions or concerns. Thank you.

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

Signed: Print Name: Christopher A. Noonan

Title: Production Technician Date: 11/21/2011 Email: bnoonan@pataraog.com

Attachment Check List

Att Doc Num	Name
2519752	OPERATIONS SUMMARY
400219972	FORM 5A SUBMITTED

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	The Hermosa panel (commingled production test)in this form 5A represents the Honaker Trail, Hovenweep, Desert Creek, and the Akah Salt. These four formations make up a large part of the Hermosa Grp. However the form 7 reporting must be alocated numbers for all four formations and not reported as Hermosa.	4/3/2015 5:51:19 AM
Permit	Form 5A done incorrectly. Formations not common source and must be allocated with four individual form 7's.	3/17/2015 10:44:50 AM
Permit	Never received wellbore diagram. Top of production zone is on a state lease.	10/24/2012 2:55:50 PM
Permit	Request a wellbore diagram.	10/24/2012 2:23:40 PM
Permit	There appears to be problems with this productive interval.	10/12/2012 3:14:09 PM

Total: 5 comment(s)