



FORM
4
Rev 8/96

State of Colorado
Oil and Gas Conservation Commission
DEPARTMENT OF NATURAL RESOURCES

FOR OGCC USE ONLY
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SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (back of this form).

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1. OGCC Operator Number: 67305		4. Contact Name & Phone		Complete the Attachment Checklist		
2. Name of Operator: Patina Oil & Gas Corporation		Jo Reich				
3. Address: 1625 Broadway, Suite 2000		No: 303-369-3600				
City: Denver		State: CO	Zip: 80202	Fax: 303-595-7411	Oper	OGCC
5. API Number: 05-123-13965		6. OGCC Lease No: 67872		Survey Plat		
7. Well Name: Mossberg PMJ		Number: 30-10		Directional Survey		
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWN 1/4 Section 30-T5N-R66W				Surface Equipment		
9. County: Weld		10. Field Name: Wattenberg		Technical Information Page <input checked="" type="checkbox"/>		
11. Federal, Indian or State Lease Number:				Other		

12. General Notice

☐ Change well name from _____ to _____ Effective Date: _____

☐ Change of location from _____ to _____

☐ Attach new survey

☐ Abandoned Location. Is site ready for inspection? ☐ Yes ☐ No Effective Date: _____

Was location ever built? ☐ Yes ☐ No Permit No: _____

☐ Well first shut in or temporarily abandoned _____ Notice of continued shut-in status.

Has production equipment been removed from Site? ☐ Yes ☐ No

MIT required if shut in longer than two years. Date of last MIT: _____

☐ Well resumed production on _____

☐ Request for Confidential Status (6 months).

☐ Final reclamation will commence approximately on _____

☐ Final reclamation is completed and site is ready for inspection. *Attach technical page describing final reclamation procedures per Rule 1000c.4.*

☐ Change of Operator (prior to drilling). Effective Date: _____ Plugging bond: ☐ Blanket ☐ Individual

☐ Spud Date _____

13. Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent Approximate Start Date: _____	<input checked="" type="checkbox"/> Report of Work Done Date work Completed: 11/15/99
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Details of work must be described in full on Technical Information Page (Page 2 must be submitted).

<input type="checkbox"/> Commingle Zones	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E & P Waste Disposal
<input type="checkbox"/> Intent to Recomplete	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Convert Well to Injection (in an Approved Secondary Project)	<input type="checkbox"/> New Pit
<input checked="" type="checkbox"/> Reservoir Stimulation	<input type="checkbox"/> Additional Source Leases for Water Disposal Well	<input type="checkbox"/> Landfarming
<input type="checkbox"/> Perforating/Perfs Added	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases
Gross Interval Changed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

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

Print Name: Jo Reich
Signed: Jo Reich Title: Technician Date: 12/08/99

OGCC Approved: B. A. M. L. Title: PE Date: 4/21/00

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE

Page 2

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1. OGCC Operator Number: 67305 2. API Number: 05-123-13965
 3. Name of Operator: Patina Oil & Gas Corporation
 4. Well Name: Mossberg PMJ Number: 30-10
 5. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE Section 30-T5N-R66W

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within thirty (30 days of work) completed as a "subsequent" report and must accompany Form 4, Page 1.

6. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

- 11/6/99 MI pulling unit & equip.
- 11/8/99 RU pulling unit & pump, kill well w/30 bbls 2% kcl wtr ND WH, picked up on tbg, pulled slips, could not unscrew csg bowl to pull well head rubbers. Change out csg head, NU flange & BOP's & tallied out 235 jts, 40 jts are bent, need to be replaced. TIH w/bit, scraper on 2 3/8 tbg, run 60 stds. SDFN.
- 11/9/99 Blew well down to work tank, TIH w/2 3/8 tbg 57 stds, tagged up @ 7415 w/236 jts. NU JU head & power swivel, caught circ, drilled thru hard spot 7415', cleaned out to 7510', circ well clean. ND power swivel & JU head, TOO H w/2 3/8, laid 39 bad jts down on trailer & 196 jts on sills w/bit & scraper. RU BrandeX to reperf Codell 7422-7438', 4 spf, 60 deg phase, 23 gram. TOO H w/wire line perf gun. ND BOP's, change out flange on csg to 5000#, NU BOP's & equip for 2 3/8 tbg, SDFN.
- 11/10/99 RU Cable to hydrotest frac tbg in well 2 3/8 to 9000#, 2 7/8 to 8000#. TIH w/Rcky Mtn tool pkr on 2 3/8 CS hydrill 8 jts. Changed over equip to 2 7/8, TIH w/2 7/8 N80 CS hydrill 8rd, 216 jts. Set pkr @ 6809', loaded hole w/2% kcl wtr. Press test csg to 3000#, hold for 15 min, good test. Blew csg down, unset pkr. TIH w/18 jts 2 7/8 CS hydrill, RD Cable. ND BOP's, set pkr @ 7380', total of 234 jts. NU csg flange & frac valve. Load csg w/2% kcl wtr
- 11/11/99 Blew surf csg down, change out surf csg valve. RD pulling unit & pump. Move pulling unit & equip off location.
- 11/12/99 BJ Services MIRU. The Codell was refrac'd down 2 7/8" and 2 3/8" tbg from 7422' - 7438'. Performed reverse step rate tests. Calculated 21 perfs open out of 62, NWB friction = 258 psi, perf friction = 85 psi, leakoff Coef. = .000826. The Codell was treated with 131,166 gals of Vistar w/ 22# and 20# gel loadings and 245,720# of 20/40 Ottawa sand. 35 bbls of 2% KCL was pumped down the backside to maintain 500 psi. Flushed treatment with 41 bbls. Max sand concentration = 4 #/gal, ATP = 4870 psi, Max pressure = 5728 psi, ATR = 14 BPM, Max rate = 14.7 BPM, pre frac ISIP = 1970 post frac ISIP = 4000 psi, 5 min = 3374 psi. Plumbed in flowback line and the well was opened to flow back after 16 min. on a 16/64" choke w/ 2950 psi. There is a total of 3199 BBLs of load to recover. Had a positive pressure increase throughout the job.
- 11/12/99 MIRU, pump 20 bbls down csg & 10 bbls down tbg. ND frac valve, NU BOP's. Release pkr, POOH w/226 jts 2 7/8 N80 & 8 jts 2 3/8 CS hydrill. LD singles on trailer. SDFN.
- 11/13/99 Kill well, NU HS testing. Tally rabbit, PU 2 3/8 PS off ground. RIH, test each stand to 7000 psi, 57 bad jts. Tag sand @ 7468' KB. LD 3 jts & land 235 jts 2 3/8 @ 7413' KB. ND BOP's, NU WH. RDMO.
- 11/15/99 Well turned on.