



FORM 4 Rev 8/96

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

FOR OGCC USE ONLY RECEIVED 05010 00000

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: Jo Reich
2. Name of Operator: Patina Oil & Gas Corporation
3. Address: 1625 Broadway, Suite 2000
5. API Number: 05-123-13965 6. OGCC Lease No: 67872
7. Well Name: Mossberg PMJ Number: 30-10
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWN Section 30-T5N-R66W
9. County: Weld 10. Field Name: Wattenberg
11. Federal, Indian or State Lease Number:

Complete the Attachment Checklist

Table with columns: Oper, OGCC and rows: Survey Plat, Directional Survey, Surface Equipment, Technical Information Page, Other.

12. General Notice

Change well name from to Effective Date:
Change of location from Attach new survey to
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

Notice of Intent Approximate Start Date: Report of Work Done Date work Completed: 11/15/99

Details of work must be described in full on Technical Information Page (Page 2 must be submitted).

Comingle Zones Request to Vent or Flare E & P Waste Disposal
Intent to Recomplete Repair Well Beneficial Reuse of E&P Waste
Change Drilling Plans Convert Well to Injection (in an Approved Secondary Project) New Pit
X Reservoir Stimulation Additional Source Leases for Landfarming
Perforating/Perfs Added Water Disposal Well Status Update/Change of Remediation Plans for Spills and Releases
Gross Interval Changed? Yes No Other:
Yes 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. Title: PE Date: 4/21/00
CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE

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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.