FORM 2 Rev 1/05

State of Colorado
Oil and Gas Conservation Commission

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

01400802

19950003

Plugging Bond Surety ID#

APPLICATION FOR PERMIT TO:

1. [X] Drill, [ ] Deepen, [ ] Re-enter, [ ] Recomplete and Operate

2. TYPE OF WELL
OIL [ ] GAS [X] COALBED [ ] OTHER:
SINGLE ZONE [ ] MULTIPLE ZONES [X] COMMINGLE ZONES [ ]

Refiling [ ]
Sidetrack [ ]

3. OGCC Operator Number: 67305 4. Name of Operator: Patina Oil & Gas Corporation
5. Address: 1625 Broadway, Suite 2000
City: Denver State: CO Zip: 80202
6. Contact Name: Bea Steele Phone: (303) 389-3630 Fax: (303) 595-7411
7. Well Name: RLW W Well Number: 13-13JI
8. Unit Name (if appl): Unit Number:
9. Proposed Total Depth: 8100'

Complete the Attachment Checklist

	OP	OGCC
APD Orig & 1 Copy	X	✓
Form 2A		✓
Well location plat	X	✓
Topo map	X	✓
Mineral lease map		
Surface agrmt/Surety	305	
30 Day notice letter	X	3/23/05
Deviated Drilling Plan		✓
Exception Loc Request		
Exception Loc Waivers		
H2S Contingency Plan		
Federal Drilling Permit		

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 13 Twp: 2N Rng: 66W Meridian: 6th P.M.
Footage from Exterior Section Lines:
At Surface: 735' FSL & 558' FWL
11. Field Name: Wattenberg Field Number: 90750
12. Ground Elevation: 5080' 13. County: Weld

14. If well is: [ ] Directional [ ] Horizontal (highly deviated), **submit deviated drilling plan.**
Footage from Exterior Section Lines and Sec Twp Rng:
At Top of Production Zone: At Bottom Hole:

15. Is location in a high density area (Rule 603b)? [ ] Yes [X] No
16. Distance to the nearest building, public road, above ground utility or railroad: None within 200'
17. Distance to Nearest Property Line: 558' 18. Distance to nearest well completed in the same formation: 1359'

LEASE, SPACING AND POOLING INFORMATION

19.

Objective Formation(s)	Formation Code	Spacing Order Number (s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Codell	CODL	407	160	SW
J Sand	JSND	232	320	S/2

20. Mineral Ownership: [X] Fee [ ] State [ ] Federal [ ] Indian Lease #
21. Surface Ownership: [X] Fee [ ] State [ ] Federal [ ] Indian
22. Is the Surface Owner also the Mineral Owner? [ ] Yes [X] No Surface Surety ID# 20020075
If Yes: Is the Surface Owner(s) signature on the lease? [ ] Yes [ ] No
If No: [ ] Surface Owners Agreement Attached or [X] $25,000 Blanket Surface Bond [ ] $2,000 Surface Bond [ ] $5,000 Surface Bond
23. Describe lease area associated only with the proposed well by QtrQtr, Sec, Twp, Rng (attach separate sheet/map if required):
T2N - R66W, Section 13: NW/4, S/2 plus other lands. See attached for full description.
24. Distance to Nearest Lease Line: 558' 25. Total Acres in Lease: 5,725.20

DRILLING PLANS AND PROCEDURES

26. Is H2S anticipated? [ ] Yes [X] No If Yes, attach contingency plan.
27. Will salt sections be encountered during drilling? [ ] Yes [X] No
28. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? [ ] Yes [X] No
29. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? [ ] Yes [ ] No **If 27, 28 or 29 are "Yes" a pit permit may be required.**
30. Mud disposal: [X] Offsite [ ] Onsite
Method: [ ] Land Farming [ ] Land Spreading [X] Disposal Facility [ ] Other:
NOTE: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b.) If air/gas drilling, notify local fire officials.

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface Csg	12-1/4"	8-5/8"	24#	970' ~~900'~~	400	970' ~~900'~~	Surface
Production Csg	7-7/8"	4-1/2"	11.6#	8100'	400	8100'	200' above Niobrara
			Stage Tool				

31. BOP Equipment Type: [ ] Annular Preventor [ ] Double Ram [ ] Rotating Head [ ] None
32. Comments

33. Initial Rule 306 Consultation took place on (date) 5/5/2005 ,was waived, or is not required. Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation.
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED.
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Bea Steele Print Name: Bea Steele
Title: Engineering Tech Date: 5/9/2005

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Director of COGCC Date: 6/9/2005

Permit Number: 20051672 Expiration Date: 6/8/2006

API NUMBER
05-123-23022-00

CONDITIONS OF APPROVAL, IF ANY:

1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us 2) Set at least 970' of surface casing per Rule 317A, cement to surface 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

LOCATION: SW1/4 OF SW1/4 OF SEC. 13, T.2N., R.66W. (735 SSL, 558 WSL)

Ground Elevation: 5080 Number of Acres: 0

AQUIFER	ELEVATION BOT.	ELEVATION TOP	NET SAND	DEPTH TO BOT.	DEPTH TO TOP	ANNUAL APPROP A-F	STATUS
UPPER DAWSON	----	----	----	----	----	----	---
LOWER DAWSON	----	----	----	----	----	----	---
DENVER	----	----	----	----	----	----	---
UPPER ARAPAHOE	----	----	----	----	----	----	---
LOWER ARAPAHOE	4864	4978	47.9	216	102	0.00	NNT
LARAMIE-FOX HILLS	4175	4477	155.5	905	603	0.00	NT

note: E indicates location is at aquifer boundary and values may be more approximate.

Well name and number: RLW W 13-13 SWSW - S13-T2N-R66W

Survey Plat Check list

S

number	Item	
	8-1/2" x 11" scaled drawing of the entire section	OK
1	Dimensions on adjacent exterior section lines sufficient to completely describe the quarter section containing the proposed well shall be indicated	OK
1a	If dimensions are not field measured, state how the dimensions were determined	OK
2	For directional drilling into an adjacent section, that section shall also be shown on the location plat and dimensions on exterior section lines sufficient to completely describe the quarter section containing the proposed productive interval and bottom hole location shall be indicated.	N/a
3	For irregular, partial or truncated sections, dimensions will be furnished to completely describe the entire section containing the proposed well.	N/a
4	The field□measured distances from the nearer north/south and nearer east/west section lines shall be measured at ninety (90) degrees from said section lines to the well location and referenced on the plat.	OK
4.1*	For unsurveyed land grants and other areas where an official public land survey system does not exist the well locations shall be spotted as footages on a protracted section plat using Global Positioning System (GPS) technology and also reported as latitude and longitude in accordance with the requirements set forth below: in 4A, 4B, 4C	N/a
4A*	All GPS data reported to the Commission shall be differentially corrected using base station data or other correction sources. The base station or other correction source shall be identified and reported with the coordinate values.	
4B*	Coordinates shall be reported as latitude and longitude in decimal degrees to an accuracy of at least five (5) decimal places (e.g.; latitude 37.12345 N, longitude 104.45632 W).	
4C*	All data shall be referenced to the North American Datum (NAD) of 1927.	OK
4D	The date of the survey shall be reported.	OK
5	A map legend	
6	A North Arrow	
7	A scale expressed as an equivalent (e.g. 1" = 1000').	
8	A bar scale.	
9	The ground elevation.	
10	The basis of the elevation (how it was calculated or its source).	
11	The basis of bearing or interior angles used.	
12	Complete description of monuments and/or collateral evidence found; all aliquot corners used shall be described.	
13	The legal land description by section, township, range, principal meridian, baseline and county.	
14	Operator name	
15	Well name and number	OK
16	Date of completion of scaled drawing	
17a	All visible improvements within two hundred (200) feet of a wellhead (or, in a high density area within four hundred (400) feet of a wellhead) shall be physically tied in and plotted on the well location plat or on an addendum, with a horizontal distance and approximate bearing from the well location.	N/a
17b	Visible improvements shall include, but not be limited to, all buildings, publicly maintained roads and trails, major above□ground utility lines, railroads, pipelines, mines, oil wells, gas wells, injection wells, water wells, visible plugged wells, sewers with manholes, standing bodies of water, and natural channels including permanent canals and ditches through which water flows.	N/a
17c	If there are no visible improvements within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead), it shall be so noted on the Permit-to-Drill, Form 2.	OK
18	Surface use shall be described within the two hundred (200) foot radius of a wellhead (or in a high density area within the four hundred (400) foot radius of a wellhead).	OK

* Only required for unsurveyed land grants and other areas where an official public land survey system does not exist.

The survey plat you submitted with your permit was found to be in non-compliance with COGCC rule 303c. See above checklist. If a survey plat is not in compliance with rule 303c the operator will be notified and the permit will be placed on hold until an adequate replacement is supplied to the COGCC.

good