

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
Document Number: 400184448			
PluggingBond SuretyID 20050105			

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

Refiling ☐
Sidetrack ☐

3. Name of Operator: ST. JAMES ENERGY OPERATING INC 4. COGCC Operator Number: 10131
5. Address: 11177 EAGLE VIEW DR STE 1
City: SANDY State: UT Zip: 84092
6. Contact Name: Kent Moore Phone: (970)301-0291 Fax: (970)378-8623
Email: krmmtaurus@msn.com
7. Well Name: Larson Farms Well Number: 2-24
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 7161

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 24 Twp: 6N Rng: 64W Meridian: 6
Latitude: 40.475010 Longitude: -104.495630

Footage at Surface: 1452 feet FNL 1906 feet FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4644 13. County: WELD

14. GPS Data:

Date of Measurement: 06/24/2011 PDOP Reading: 1.5 Instrument Operator's Name: Z. Waddle

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
1950 FNL 662 FEL 1950 FNL 662 FEL
Sec: 24 Twp: 6N Rng: 64W Sec: 24 Twp: 6N Rng: 64W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 1416 ft

18. Distance to nearest property line: 160 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1645 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Niobrara-Codell	NB-CD	407-87	80	E/2NE4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: _____

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

That portion of Section 24, Township 6 North, Range 64 West of the 6th PM, lying to the East of Crow Creek traversing the Section, comprising 335 acres more or less.

25. Distance to Nearest Mineral Lease Line: 662 ft

26. Total Acres in Lease: 335

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☒ 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.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	750	270	750	0
1ST	7+7/8	4+1/2	11.6	0	7,161	716	7,161	0

32. BOP Equipment Type: ☐ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments No conductor casing will be set

34. Location ID: _____

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

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

Signed: _____

Print Name: Dan Hull

Title: Senior Project Manager

Date: 7/29/2011

Email: dan.hull@LRA-inc.com

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: David S. Nesline

Director of COGCC

Date: 9/15/2011

API NUMBER

05 123 34360 00

Permit Number: _____ Expiration Date: 9/14/2013

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

- 1)Note surface casing setting depth change from 500' to 750'. Increase cement coverage accordingly and cement to surface.
- 2)Provide 24 hour notice of MIRU to Bo Brown via e-mail at bo.brown@state.co.us.
- 3)Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.
- 4)Comply with Rule 321. Run and submit Directional Survey from the end of production casing to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name
2481087	SURFACE CASING CHECK
2530897	EXCEPTION LOC REQUEST
400184448	FORM 2 SUBMITTED
400184469	OIL & GAS LEASE
400184470	SURFACE AGRMT/SURETY
400190873	DEVIATED DRILLING PLAN
400190874	WELL LOCATION PLAT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Updated permit with exception location request.	3/3/2011 8:19:45 AM
Permit	On hold waiting for an exception request letter to 318Aa.	3/2/2011 6:36:56 AM

Total: 2 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)