

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: 400185539			
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: krmtaurus@msn.com  
7. Well Name: Larson Farms Well Number: 4-24  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7406

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 24 Twp: 6N Rng: 64W Meridian: 6  
Latitude: 40.470830 Longitude: -104.498920

Footage at Surface: 2235 feet FNL/FSL 2470 feet FEL/FWL  
FSL FWL

11. Field Name: Wattenberg Field Number: 90750  
12. Ground Elevation: 4643 13. County: WELD

14. GPS Data:

Date of Measurement: 07/13/2011 PDOP Reading: 1.2 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 1950 FSL 661 FEL 1950 FSL 661 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: 2230 ft

18. Distance to nearest property line: 262 ft 19. Distance to nearest well permitted/completed in the same formation: 2000 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/2SE/4

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: 661 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	300	750	0
1ST	7+7/8	4+1/2	11.6	0	7,406	741	7,406	0

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

33. Comments No conductor casing will be set. Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. St James requests an exception location to 318Aa, 318Ac: Exception request and SUA attached.

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: 8/3/2011 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: 8/16/2011

#### API NUMBER

05 123 34148 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/15/2013

#### 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
2530926	VARIANCE REQUEST
2530933	WAIVERS
400185539	FORM 2 SUBMITTED
400185544	SURFACE AGRMT/SURETY
400185548	OIL & GAS LEASE
400191484	DEVIATED DRILLING PLAN
400191487	WELL LOCATION PLAT
400192071	EXCEPTION LOC REQUEST

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Drilling/Completion Operations	A closed loop system will be used for drilling fluids.

Total: 1 comment(s)