

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



Document Number:

400235546

Date Received:

02/10/2012

PluggingBond SuretyID

19900035

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: WESTERN OPERATING COMPANY

4. COGCC Operator Number: 95620

5. Address: 518 17TH ST STE 200

City: DENVER State: CO Zip: 80202

6. Contact Name: Fabrianna Venaducci Phone: (303)2790789 Fax: (303)2791124

Email: fabrianna@jameskaro.com

7. Well Name: Stuarco State Well Number: 1

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 5520

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 16 Twp: 11N Rng: 53W Meridian: 6

Latitude: 40.931810 Longitude: -103.291780

Footage at Surface: 1002 feet FNL 1640 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4632 13. County: LOGAN

14. GPS Data:

Date of Measurement: 12/13/2011 PDOP Reading: 1.7 Instrument Operator's Name: Brian Thomas Brinkman

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

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 987 ft

18. Distance to nearest property line: 1002 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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.)
D Sand	DSND			
J Sand	JSND			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 1712.11

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):

All: Sec 16, T11N, R53W, 6th PM

25. Distance to Nearest Mineral Lease Line: 1002 ft

26. Total Acres in Lease: 640

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	143	120	143	0
1ST	7+7/8	5+1/2	11.6	0	5,520	200	5,520	4,620

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

33. Comments No conductor casing will be used. Permitted footages from the existing well have been used and GPS coordinates assigned to them. No as-built lat/long was available when well was plugged in 1966. When the exact location is found, the operator will take GPS readings and provide as-built location. The necessary sundry form with footages and GPS will be provided.

34. Location ID: 389261

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: Fabrianna Venaducci

Title: Contract Landman

Date: 2/10/2012

Email: fabrianna@jameskaro.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: _____

Director of COGCC

Date: 3/8/2012

API NUMBER

05 075 07416 00

Permit Number: _____

Expiration Date: 3/7/2014

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) Provide 48 hour notice of MIRU to Jim Precup by e-mail at james.precup@state.co.us. Indicate Spud Notice in the subject line and provide the following information: Operator Name, Well Name and Number, API #, Spud Date, Contact Name, Contact Phone #, Email Address. Submit Form 42 electronically after April 1 for spud notice.
- 2) If production casing is set provide cement coverage to at least 200' above D-Sand and from 370' to 50' above surface casing shoe. Verify coverage with cement bond log.
- 3) If dry hole (casing not set), set 60 sks cement from 50' below D Sand base to 100' above D Sand top, 50 sks cement ½ out, ½ in surface casing, 15 sks cement from 50' to surface, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

Attachment Check List

Att Doc Num	Name
400235546	FORM 2 SUBMITTED
400250822	TOPO MAP
400250857	OTHER

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	3/7/2012 12:28:05 PM
Permit	According to COGCC staff, the unit does not apply here and requested it be removed.	2/17/2012 3:15:52 PM
Permit	Operator chose a proposed unit which may not apply here. requested clarification.	2/15/2012 6:17:58 AM
Permit	Notified State Land Board.	2/15/2012 6:05:46 AM
Permit	Operator corrected plugging bond, field name and number, and #34. This form has passed completeness.	2/14/2012 12:25:05 PM
Permit	Returned to draft. Invalid plugging bond. Missing field name and number. Missing #34.	2/13/2012 7:21:20 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)