

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:

2287401

Date Received:

02/10/2012

PluggingBond SuretyID

20120004

## 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: MAK-J ENERGY COLORADO LLC

4. COGCC Operator Number: 10401

5. Address: 1600 N BROADWAY, SUITE 1740

City: DENVER State: CO Zip: 80202

6. Contact Name: CHUCK POLLARD Phone: (303)339-5884 Fax: (303)468-0092

Email: CPOLLARD@MAKJENERGY.COM

7. Well Name: MCCOY Well Number: 23-33

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7796

## WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 33 Twp: 4N Rng: 68W Meridian: 6

Latitude: 40.266840 Longitude: -105.016910

Footage at Surface: 1645 feet FSL 219 feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5055 13. County: WELD

### 14. GPS Data:

Date of Measurement: 12/14/2011 PDOP Reading: 1.3 Instrument Operator's Name: WYATT HALL

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  
1987 FSL 1990 FWL 1987 FSL 1990 FWL  
Sec: 33 Twp: 4N Rng: 68W Sec: 33 Twp: 4N Rng: 68W

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: 200 ft

18. Distance to nearest property line: 219 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1327 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.)
CODELL	CODL	407-87	80	E/2SW/4
NIOBRARA	NBRR	407-87	80	E/2SW/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):

TOWNSHIP 4 NORTH, RANGE 68 WEST, SECTION 33; W/2

25. Distance to Nearest Mineral Lease Line: 663 ft

26. Total Acres in Lease: 320

### 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		665	458	458	0
1ST	7+7/8	4+1/2	11.6		7,796	153	7,796	7,136

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

33. Comments NO CONDUCTOR CASING WILL BE RUN. OPERATOR REQUESTS A RULE 318A(l).a and 318A(l).C EXCEPTION LOCATION; WELL IS TO BE LOCATED OUTSIDE OF A GWA DRILLING WINDOW AND WILL BE LOCATED MORE THAN 50' FROM AN EXISTING LOCATION. WAIVER AND REQUEST FORTHCOMING.

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: CHUCK POLLARD

Title: PRESIDENT Date: 2/9/2012 Email: CPOLLARD@MAKJENERGY.

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**  
05 123 35231 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 24 hour notice of MIRU to COGCC inspector John Montoya via e-mail at John.Montoya@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 #, E-mail Address.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Operator must meet water well testing requirements per Rule 318A.

### Attachment Check List

Att Doc Num	Name
1694732	EXCEPTION LOC REQUEST
1694733	EXCEPTION LOC WAIVERS
1771589	SURFACE CASING CHECK
2287401	FORM 2 SUBMITTED
2287402	WELL LOCATION PLAT
2287403	DEVIATED DRILLING PLAN
400253357	DIRECTIONAL DATA

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	3/7/2012 4:26:01 PM
Permit	Received and attached Direction Drilling Templates. Okay to pass pending public comment 3/05/12.	2/17/2012 4:03:40 PM
Permit	Operator requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Request and waivers attached.	2/17/2012 10:32:39 AM
Permit	Received and attached Exception Loc Request and Waivers.	2/15/2012 2:53:35 PM
Permit	Missing plugging bond. Input per operator. 22b is not required. Changed per operator.	2/14/2012 8:19:47 AM

Total: 5 comment(s)

### BMP

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

Total: 0 comment(s)