

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:

400274114

Date Received:

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER Lateral
SINGLE ZONE MULTIPLE COMMINGLE

Refiling

Sidetrack

PluggingBond SuretyID

20100083

3. Name of Operator: AXIA ENERGY LLC

4. COGCC Operator Number: 10335

5. Address: 1430 LARIMER STREET #400

City: DENVER State: CO Zip: 80202

6. Contact Name: Lisa Smith Phone: (303)857-9999 Fax: (303)450-9200

Email: lspermitco@aol.com

7. Well Name: Bulldog Well Number: 20-12H-892

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

9. Proposed Total Measured Depth: 19500

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 20 Twp: 8N Rng: 92W Meridian: 6

Latitude: 40.632925 Longitude: -107.750883

Footage at Surface: 1641 feet FNL 712 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6845 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 03/11/2012 PDOP Reading: 1.3 Instrument Operator's Name: Glenn McElroy

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

Footage at Top of Prod Zone: 2081 FNL 485 FWL Bottom Hole: 1920 FSL 600 FWL
Sec: 20 Twp: 8N Rng: 92W Sec: 30 Twp: 8N Rng: 92W

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: 5280 ft

18. Distance to nearest property line: 321 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.)
Niobrara	NBRR			See #24

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#: 20100084

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):

T8N - R92W: Section 19: E2SE, SENE, Section 20: SWSW, S2NW, N2SW Proposed Spacing Unit: T8N - 92W: Section 19 Lot (a/d/a SWSW) SENE, E2SE, SWSE, SESW, Section 20: S2NW, N2SW, SWSW, Section 29: W2NW, Section 30: Lots 5, 6, 7, (a/d/a W2NW, NWSW) NW, E2NW, NESW

25. Distance to Nearest Mineral Lease Line: 0 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
CONDUCTOR	20	16	55	0	60	60	60	0
SURF	13+1/2	10+3/4	40.5	0	1,500	545	1,500	0
1ST	9+7/8	7+5/8	29.7	0	8,500	850	8,500	3,000
1ST LINER	9+7/8	5+1/2	20	0	8,400	125	8,400	6,500
2ND LINER	6+3/4	4+1/2	13.5	8400	19,500	1,230	19,500	8,400

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

33. Comments Liner is tapered string 41/52" casing to 51/2" casing.

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: Lisa Smith

Title: Authorized Agent Date: _____ Email: lspermitco@aol.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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

Att Doc Num	Name
400276784	DIRECTIONAL DATA
400276788	DEVIATED DRILLING PLAN
400276789	PLAT

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)