

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		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER _____

SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refiling
 Sidetrack

Document Number:
 400159911

Plugging Bond Surety
 20110063

3. Name of Operator: ENERGY ONE LLC 4. COGCC Operator Number: 10368

5. Address: 877 N 8TH WEST
 City: RIVERTON State: WY Zip: 82501

6. Contact Name: Kallasandra Moran Phone: (303)928-7128 Fax: (303)962-6237
 Email: kmoran@petro-fs.com

7. Well Name: THOMPSON Well Number: 9-1-4

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

9. Proposed Total Measured Depth: 6100

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 9 Twp: 29S Rng: 43W Meridian: 6
 Latitude: 37.530800 Longitude: -102.257630

Footage at Surface: 660 feet FSL 660 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 3918 13. County: BACA

14. GPS Data:
 Date of Measurement: 04/12/2011 PDOP Reading: 1.7 Instrument Operator's Name: L.K. Stevenson/PFS

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: 636 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation: 6600 ft

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.)
Keyes	KEYES			
Lansing-Kansas City	LGKC			
Mississippian	MSSP			
Red Cave	RDCV			

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 Bon \$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 of Section 9, Township 29 South, Range 43 West.
25. Distance to Nearest Mineral Lease Line: 660 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	750	480	750	0
1ST	7+7/8	5+1/2	15.5	0	6,100	350	6,100	4,625

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
33. Comments The location does NOT require a variance from any of the rules listed in Rule 306.d. (1). (A). (ii). The location is NOT in a restricted surface occupancy area. The location is NOT a sensitive wildlife habitat area.

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: Kallasandra M. Moran
Title: Regulatory Analyst Date: 4/28/2011 Email: kmoran@petro-fs.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. Neslin Director of COGCC Date: 6/5/2011

API NUMBER
05 009 06671 00 Permit Number: _____ Expiration Date: 6/4/2013
CONDITIONS OF APPROVAL, IF ANY: _____

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval. Verify with CBL.
- 3) If well is a dry hole set the following plugs: 40 sks cement +/- 50' above the Lansing, 40 sks cement across any zone or DST w/ show, 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface csg, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

Attachment Check List

Att Doc Num	Name
2112788	SURFACE CASING CHECK
400159911	FORM 2 SUBMITTED
400160053	PLAT
400160055	TOPO MAP
400160255	30 DAY NOTICE LETTER

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	No conductor being set. OK	6/1/2011 7:55:16 AM
Permit	Per Energy One's request please update the Thompson 9-1-4 well permit (Doc # 400159911), removing the conductor casing from the casing program. The operator has opted to not set conductor. Thanks! Kallasandra M. Moran	5/20/2011 10:25:58 AM
Permit	I was contacted by my client re: a permit submitted yesterday, there was some mis-communication and I would like to update the following data on the permit:-Doc # 400159911 oType of well: Should be Oil well, not gas well Thanks! Kallasandra M. Moran Regulatory Analyst Petroleum Field Services	4/29/2011 9:34:46 AM

Total: 3 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Planning	When feasible develop multiple well sites by using directional drilling to reduce cumulative impacts and adverse impacts on wildlife resources.
Final Reclamation	All surface restoration shall be accomplished to the satisfaction of Owner. All reseeding shall be done with grasses consistent with Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner. Final reclamation shall be completed to the reasonable satisfaction of the Owner as soon as practical after installation (weather permitting) and in accordance with regulatory agency standards (BLM/COGCC).
Construction	Remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation. No construction or routine maintenance activities will be performed during periods when soil is too wet to adequately support construction equipment.
Storm Water/Erosion Control	Use water bars, and other measures to prevent erosion and nonsource pollution. Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s).
Site Specific	Fence the well site after drilling to restrict public and wildlife access. Keep well site location, the road, and the pipeline easement free of noxious weeds, litter and debris. Spray for noxious weeds, and implement dust control, as needed. Energy One LLC will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. Construct and maintain gates where any roads used by Energy One LLC cross through fences on the leased premises.
Interim Reclamation	Utilize only such area around each producing well as is reasonably necessary. Restore the remainder of the well site location to its original condition within a reasonable time after completion of operations. All reseeding shall be done with grasses consistent with Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.

Total: 6 comment(s)