

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER Injection Well

SINGLE ZONE MULTIPLE COMMINGLE

Refiling
Sidetrack

Document Number:
400208997

PluggingBond SuretyID

3. Name of Operator: ENCANA OIL & GAS (USA) INC 4. COGCC Operator Number: 100185

5. Address: 370 17TH ST STE 1700
City: DENVER State: CO Zip: 80202-5632

6. Contact Name: Julia Carter Phone: (720)876.5240 Fax: (720)876.6240
Email: Julia.Carter@encana.com

7. Well Name: SG Well Number: WD03A-30C19 495

8. Unit Name (if appl): Story Gulch Unit Number: COC69333X

9. Proposed Total Measured Depth: 10381

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 19 Twp: 4S Rng: 95W Meridian: 6
Latitude: 39.693125 Longitude: -108.098753

Footage at Surface: 747 feet FNL/FSL FNL 2508 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 8122 13. County: GARFIELD

14. GPS Data:
Date of Measurement: 06/21/2010 PDOP Reading: 1.2 Instrument Operator's Name: Greg Olsen

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

85 FNL 1643 FWL 85 FNL 1643 FWL

Sec: 30 Twp: 4S Rng: 95W Sec: 30 Twp: 4S Rng: 95W

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: 2125 ft

18. Distance to nearest property line: 747 19. Distance to nearest well permitted/completed in the same formation(BHL): 2661 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.)
Wasatch	WSTC			

21. Mineral Ownership: Fee State Federal Indian Lease #: COC61459

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):

T4S, R95W, Sec 19: All, Sec 20: W2, Sec 28: N2, N2SW4, Sec 29: N2, Sec 30: NE4 COC61459 4S 95W Sec. 29 S2; Sec. 30 Lots 1-4 and Sec. 30: E2W2, SE:

25. Distance to Nearest Mineral Lease Line: 625 ft 26. Total Acres in Lease: 801

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: Recycle & Bury

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	26	20	Line Pipe	0	120		120	0
SURF	14+3/4	9+5/8	36#	0	3,000	939	3,000	0
1ST	8+3/4	5+1/2	17#	0	10,381	1,181	10,381	

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

33. Comments Please note Encana Oil & Gas (USA) Inc. owns the surface. This well is designed to be used as an injection well. #17 is measured from the nearest public road. Surface casing hole size will be 14-3/4", 12-1/4" or 13-1/2". Conductor and surface casing will be run to surface. Production casing will be cemented to 200' into surface 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: Julia M. Carter

Title: Regulatory Analyst Date: 9/27/2011 Email: Julia.Carter@encana.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: 10/28/2011

API NUMBER

05 045 21134 00

Permit Number: _____ Expiration Date: 10/27/2013

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- 2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
- 3) APPROVAL OF THIS FORM DOES NOT AUTHORIZE INJECTION. AUTHORIZATION TO INJECT REQUIRES APPROVAL OF FORM 31 AND FORM 33.
- 4) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 40 FEET DEEP.

Attachment Check List

Att Doc Num	Name
2537569	LEASE MAP
2537572	DEVIATED DRILLING PLAN
400208997	FORM 2 SUBMITTED
400209007	WELL LOCATION PLAT
400209008	DEVIATED DRILLING PLAN
400209009	TOPO MAP

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	LGD/pub. comm waived. Final Comprehensive Review Status--Passed.	10/27/2011 8:05:45 AM
Permit	oper. emailed updated lease description covering NW/4 Sec. 30; added to lease decrip. tab. ready to approve in permitting when 2A passes.	10/26/2011 9:34:24 AM
Permit	put on hold--oper. submitted BHL change to NW/4, Sec. 30; lease description does not include nw/2 Sec. 30. need new dir. plan. need proof of surface ownership Sec. 19 and Sec. 30.	10/21/2011 1:28:54 PM
Permit	per operator made the following changes: well name now SG WD03A-30 C19 495. TD now 10381', PZ footage now 85' FNL & 1643' FWL, Sec. 30-4S-95W, BHL footages now 85' FNL & 1643' FWL Sec. 30-4S-95W, dist. to nearest well permitted in same fm. now 2661', lease # now COC 61459, lease total acres now 800.55. attached updated dev. drlg. plan. emailed proposed changes in casing depths to Kevin King.	10/20/2011 2:37:48 PM
Permit	Removed plug. bond since fed. min. Attached related form 2A #400207826.	10/7/2011 10:50:03 AM
Permit	Returned to draft at operator request.	9/28/2011 7:51:54 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)