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

DE	ET	OE	ES

Document Number: 400171353

Plugging Bond Surety ID#: 20100108

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL
OIL [X] GAS [ ] COALBED [ ] OTHER PILOT
SINGLE ZONE [ ] MULTIPLE [ ] COMMINGLE [ ]
Refiling [ ] Sidetrack [ ]

3. Name of Operator: CARRIZO OIL & GAS INC 4. COGCC Operator Number: 10338

5. Address: 1000 LOUISIANA STREET #1500
City: HOUSTON State: TX Zip: 77002

6. Contact Name: Fabrianna Venaducci Phone: (303)279-0789 Fax: (303)279-1124
Email: fabrianna@jameskaro.com

7. Well Name: Slick Rock Well Number: 19-44-7-60

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

9. Proposed Total Measured Depth: 7540

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 19 Twp: 7N Rng: 60W Meridian: 6
Latitude: 40.554410 Longitude: -104.128740

		FNL/FSL		FEL/FWL
Footage at Surface:	361 feet	FSL	309 feet	FEL

11. Field Name: wildcat Field Number: 99999

12. Ground Elevation: 4976.3 13. County: WELD

14. GPS Data:
Date of Measurement: 04/14/2011 PDOP Reading: 1.8 Instrument Operator's Name: L. Kelley Stevenson

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 [X] No

17. Distance to the nearest building, public road, above ground utility or railroad: 1067 ft

18. Distance to nearest property line: 309 ft 19. Distance to nearest well permitted/completed in the same formation: 5205 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.)
Dakota	DKTA			
Niobrara	NBRR			

21. Mineral Ownership: [X] Fee [ ] State [ ] Federal [ ] Indian Lease #:

22. Surface Ownership: [X] Fee [ ] State [ ] Federal [ ] Indian

23. Is the Surface Owner also the Mineral Owner? [ ] Yes [X] No Surface Surety ID#: 20100170

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 [X] $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):

7N, 60W, Sec 19: ALL; Sec 29: W2; Sec 30: W2

25. Distance to Nearest Mineral Lease Line: 309 26. Total Acres in Lease: 1280

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	9+5/8	36	0	1,400	534	1,400	0

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

33. Comments THIS FORM 2 IS SUBMITTED FOR A PILOT HOLE IN CONJUNCTION WITH FORM 2 (HORIZONTAL - DOCUMENT NUMBER 400171370) AND FORM 2A (DOCUMENT NUMBER 400171386), and attachments submitted with said forms are applicable to this pilot hole. Application for a drilling and spacing unit has been made and is on the June 27 and 28, 2011 docket for approval. Well Location Certificate/Plat reflects pad elevation. Pad and ground elevation are the same. Distance to nearest well permitted/completed in the same formation is for the proposed Slick Rock 18-44-7-60, top hole to top hole.Pilot hole will be plugged back at TD to 5628' with 1089 sacks of cement; hole size is 8.75".

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: Fabrianna Venaducci

Title: Contract Landman Date: _____ 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: _____

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
400174402	WELL LOCATION PLAT
400174403	TOPO MAP

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

Type	Comment
Construction	Operator has designed the well pad with insloping and a storm water control ditch to prevent storm water run-on/runoff and the release of fluids from the location. See attached Construction Layout Drawing. The location will be fenced and the fenced area will include the Fresh Water Storage Pit. The COGCC to be notified 48 hours prior to construction of the Fresh Water Storage Pit.
Drilling/Completion Operations	Operator will ensure 110 percent secondary containment for any volume of fluids contained at the well site during drilling and completion. Operator will implement best management practices to contain any unintentional release of fluids. Fresh water for the Fresh Water Storage Pit comes from water provider; water sources permitted for consumable industrial use. Operator shall not allow any fluids to flow back to the Fresh Water Storage Pit. Fresh Water Storage Pit shall contain fresh water only and signage prohibiting the use of the pit for any fluid that does not come from municipal, irrigation or surface water source.

Total: 2 comment(s)