


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 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
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400142363  Plugging Bond Surety  19880020				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER <input type="checkbox"/> <u>MONITOR</u> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>MARATHON OIL COMPANY</u>		4. COGCC Operator Number: <u>53650</u>					
5. Address: <u>5555 SAN FELIPE</u> City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77056</u>							
6. Contact Name: <u>Anna Walls</u> Phone: <u>(713)296-3468</u> Fax: <u>(713)513-4394</u> Email: <u>avwalls@marathonoil.com</u>							
7. Well Name: <u>Rawhide Flats 10-68-19</u>		Well Number: <u>1M</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>5500</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SENW</u> Sec: <u>19</u> Twp: <u>10N</u> Rng: <u>68W</u> Meridian: <u>6</u> Latitude: <u>40.822503</u> Longitude: <u>-105.049151</u>							
Footage at Surface: <u>1653</u> feet      FNL/FSL <u>FNL</u> <u>2202</u> feet      FEL/FWL <u>FWL</u>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>5583.4</u>		13. County: <u>LARIMER</u>					
14. GPS Data: Date of Measurement: <u>03/05/2011</u> PDOP Reading: <u>2.4</u> Instrument Operator's Name: <u>Allen Blattel</u>							
15. If well is <input type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>825 ft</u>							
18. Distance to nearest property line: <u>1653 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>2 mi</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well				
Unit Configuration (N/2, SE/4, etc.)							

**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 Sec. 19m T10N, R68W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 1653 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

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: evaporation/backfill

If 28, 29, or 30 are "Yes" a pit permit may be required.

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		0	40			
SURF	12+1/4	8+5/8	32	0	1,200	250	1,200	0
1ST	7+7/8	5+1/2	20	0	5,500	500	5,500	0

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

33. Comments The Rawhide Flats 10-68-19-1M well is intended to be a downhole monitoring well only, it is not intended to be a producing well. There are no visible improvements within 400' of wellhead.

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: Anna Walls

Title: Regulatory Compliance Rep Date: 3/14/2011 Email: avwalls@marathonoil.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: 4/6/2011

**API NUMBER**

05 069 06437 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/5/2013**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) Note surface casing setting depth change from 600' to 1200'. Increase cement coverage accordingly.
- 2) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

### **Attachment Check List**

Att Doc Num	Name
1771145	SURFACE CASING CHECK
400142363	FORM 2 SUBMITTED
400142409	30 DAY NOTICE LETTER
400142410	PLAT

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	---Removed objective formations--Well its to be monitor well at this time. Changed #17 to match 2A and location drawing to 825'. #19 Nearest well will change to eventual monitored well. Changed surface location and distance to nearest lease line to match plat.	3/21/2011 9:21:27 AM

Total: 1 comment(s)

### **BMP**

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

Total: 0 comment(s)