


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:			Document Number: 400128866 Plugging Bond Surety 19880020				
1. <input checked="" type="checkbox"/> Drill, <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 10-68-16</u>		Well Number: <u>1M</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>7100</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>NWSE</u> Sec: <u>16</u> Twp: <u>10N</u> Rng: <u>68W</u> Meridian: <u>6</u> Latitude: <u>40.833938</u> Longitude: <u>-105.007840</u>							
Footage at Surface: <u>2563</u> feet FNL/FSL <u>2100</u> feet FEL/FWL <u>FEL</u>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>5579.5</u>		13. County: <u>LARIMER</u>					
14. GPS Data: Date of Measurement: <u>12/23/2010</u> PDOP Reading: <u>1.8</u> Instrument Operator's Name: <u>Alec Thomas</u>							
15. If well is <input type="checkbox"/> Directional <input type="checkbox"/> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>2057 ft</u>							
18. Distance to nearest property line: <u>550 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>2585 ft</u>							
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.)							

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 1137.1

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 16, T10N, R68W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 2100 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: backfill & cover cuttings pit

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	24	0	1,200	250	1,200	0
1ST	7+7/8	4+1/2	11.6	0	7,100	500	7,100	4,000

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

33. Comments Surface & Minerals Owned By: Colorado State Land Board. No visible improvements w/in 400' of wellhead. This well is a monitor well intened for downhole monitoring purposes. It is not intended to be a producing well. Drilling mud will be reused/recycled and cuttings pit will be backfilled and covered.

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: Reg. Compliance Rep Date: 2/17/2011 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: 3/24/2011

API NUMBER

05 069 06435 00

Permit Number: _____ Expiration Date: 3/23/2013

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
400128866	FORM 2 SUBMITTED
400134002	30 DAY NOTICE LETTER
400134721	PLAT

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	-----HOLD OFF--OK with SLB	3/8/2011 4:58:59 PM
Permit	----Changed nearest property line to west roughly 550' away. Removed objective formation NB-CD(monitor well). This interpretation/accuracy may be subject to change.	3/7/2011 6:39:14 PM
Permit	----ON HOLD- E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.---Reviewed	3/7/2011 6:28:42 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)