


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: <div style="text-align: center;">400097224</div> Plugging Bond Surety <div style="text-align: center;">20090100</div>				
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>Pilot Hole</u> SINGLE ZONE <input 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>TEXAS AMERICAN RESOURCES COMPANY</u> 4. COGCC Operator Number: <u>10138</u>							
5. Address: <u>410 17TH STREET SUITE 1610</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Melissa Lasley</u> Phone: <u>(720)279-6805</u> Fax: <u>(303)592-3030</u> Email: <u>mlasley@texasarc.com</u>							
7. Well Name: <u>Cass Farms</u> Well Number: <u>11-27H</u>							
8. Unit Name (if appl): _____ Unit Number: _____							
9. Proposed Total Measured Depth: <u>7065</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>NWNW</u> Sec: <u>27</u> Twp: <u>8N</u> Rng: <u>62W</u> Meridian: <u>6</u> Latitude: <u>40.638760</u> Longitude: <u>-104.314900</u>							
Footage at Surface: <u>320</u> feet FNL/FSL <u>FNL</u> <u>310</u> feet FEL/FWL <u>FWL</u>							
11. Field Name: <u>Wildcat</u> Field Number: <u>99999</u>							
12. Ground Elevation: <u>4883</u> 13. County: <u>WELD</u>							
14. GPS Data: Date of Measurement: <u>08/17/2010</u> PDOP Reading: <u>1.5</u> Instrument Operator's Name: <u>Brian Brinkman</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>300 ft</u>							
18. Distance to nearest property line: <u>310 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>10500 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 #: _____

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):
N 1/2, Section 27

25. Distance to Nearest Mineral Lease Line: _____ 310 _____ 26. Total Acres in Lease: _____ 320 _____

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: _____

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
SURF	14+3/4	10+3/4	45.5		680	650	680	0
1ST	9+7/8	7	26		7,065	500	6,610	6,690

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

33. Comments Please Note that the SUA is located with in the lease. No conductor casing will be used. This permit is a plot hole and has a side track (horizontal) permit DOC # (400097333)

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: Melissa Lasley

Title: Operations Analyst Date: 10/6/2010 Email: mlasley@texasarc.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: 10/28/2010

API NUMBER

05 123 32454 00

Permit Number: _____ Expiration Date: 10/27/2012

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) Provide 24 hr notice of spud and if DA to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface.
- 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) If dry hole, 40 sks cement 50' above Niobrara top, tag 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.

Attachment Check List

Att Doc Num	Name
1726211	SURFACE CASING CHECK
400097224	APD APPROVED
400097886	PLAT
400097888	OIL & GAS LEASE
400097891	30 DAY NOTICE LETTER
400104510	FORM 2 SUBMITTED

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Lease only covers the N/2 portion of the lateral.	10/14/2010 6:45:58 AM
Permit	--add comment corrected the plugging bond number with operator approval/KK	10/7/2010 3:48:11 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)