

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



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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refilling   
Sidetrack

Document Number:  
400009640  
Plugging Bond Surety  
20090100

3. Name of Operator: TEXAS AMERICAN RESOURCES COMPANY 4. COGCC Operator Number: 10138

5. Address: 410 17TH STREET SUITE 1610  
City: DENVER State: CO Zip: 80202

6. Contact Name: Melissa Lasley Phone: (720)279-6805 Fax: (303)592-3030  
Email: mlasley@texasarc.com

7. Well Name: Sauvage Well Number: 12-7

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

9. Proposed Total Measured Depth: 9100

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 7 Twp: 1S Rng: 67W Meridian: 6  
Latitude: 39.984260 Longitude: -104.937470

Footage at Surface: 762 FNL/FSL FNL 777 FEL/FWL FWL

11. Field Name: SPINDLE Field Number: 77900

12. Ground Elevation: 5120 13. County: ADAMS

14. GPS Data:

Date of Measurement: 06/22/2009 PDOP Reading: 2.0 Instrument Operator's Name: Steven Lund

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1970 FNL 619 FWL 1970 FNL 619 FWL  
Bottom Hole: FNL/FSL 1970 FNL 619 FWL  
Sec: 7 Twp: 1S Rng: 67W Sec: 7 Twp: 1S Rng: 67W

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: 292 ft

18. Distance to nearest property line: 762 ft 19. Distance to nearest well permitted/completed in the same formation: 984 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.)
J Sand	JSND	232-23	320	N/2
Dakota	DKTA	499-15	320	N/2
J Sand	JSND	232-23	320	N/2
Niobrara Codell	NB-CD	407-87	80	W/2NW4

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):  
SUA is apart of the lease. lease is attached

25. Distance to Nearest Mineral Lease Line: 762 26. Total Acres in Lease: 20

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite  
Method:  Land Farming  Land Spreading  Disposal Facility Other: TBD

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+8/8	24#	1,400	650	1,400	700
1ST	7+7/8	4+1/2	11.6#	9,000	350	9,000	7,000
S.C. 1.1				5,300		5,300	3,800
2ND	7+7/8	4+1/2	11.6#	9,000	350	9,000	7,000
S.C. 2.1				5,300		5,300	3,800

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

33. Comments \_\_\_\_\_

34. Location ID: 335863

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: PERMITTING ANALYST Date: 10/20/2009 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: 12/30/2009

**API NUMBER**  
05 001 09568 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/29/2011

**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 HOUR NOTICE OF MIRU TO Jim Precup at 303-469-1902 or e-mail at jim.precup@state.co.us 2) COMPLY WITH RULE 317.I AND PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA AND FROM 200' BELOW SUSSEX TO 200' ABOVE SUSSEX. VERIFY COVERAGE WITH CEMENT BOND LOG. 3) COMPLY WITH RULE 321. RUN AND SUBMIT DIRECTIONAL SURVEY FROM TD TO BASE OF SURFACE CASING. ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1759687	MINERAL LEASE MAP	LF@2177490 1759687
400009785	OIL & GAS LEASE	LF@2177504 400009785
400009786	DEVIATED DRILLING PLAN	LF@2177505 400009786
400010733	WELL LOCATION PLAT	LF@2177506 400010733
400010736	FORM 2 SUBMITTED	LF@2177507 400010736

Total Attach: 5 Files