

FORM  
2  
Rev 12/05

State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2101

RECEIVED  
AUG 16 07  
COGCC  
20070048  
Plugging Bond Surety ID#

11918070

APPLICATION FOR PERMIT TO:  
1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate  
2. TYPE OF WELL  
OIL ☐ GAS ☐ COALBED ☒ OTHER: ☐  
SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐  
Refilling ☐  
Sidetrack ☐  
3. Name of Operator: Petrogulf Corporation 4. COGCC Operator Number: 69100  
5. Address: 518 17TH STREET, SUITE 1455  
City: DENVER State: CO Zip: 80202  
6. Contact Name: JOHN W. WHISLER Ext. 130 Phone: (303) 893-5400 Fax: (303) 893-0519  
7. Well Name: SAINT FRANCIS Well Number: 11-32R  
8. Unit Name (if appl): Unit Number:  
9. Proposed Total Measured Depth: 2350'  
10. QtrQtr: SWNE Sec: 11 Twp: 33S Rng: 68W Meridian: 6TH PM  
Latitude: 37.188578 N Longitude: 104.961320 W  
Footage At Surface: 1593' N 1642' E  
11. Field Name: PURGATOIRE RIVER Field Number: 70830  
12. Ground Elevation: 7879' 13. County: LAS ANIMAS  
14. GPS Data:  
Date of Measurement: 6-19-2006 PDOP Reading: <=6 Instrument Operator's Name: Gary L. Terry  
15. If well is: ☐ Directional ☐ Horizontal (highly deviated), submit deviated drilling plan. Bottomhole Sec Twp Rng:  
Footage At Top of Prod Zone: At Bottom Hole:  
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: >200'  
18. Distance to Nearest Property Line: 240' 19. Distance to nearest well permitted/completed in the same formation: 2186'  
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.)  
RATON RTON N/A N/A N/A  
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):  
SEE ATTACHMENT  
25. Distance to Nearest Mineral Lease Line: 1593' 26. Total Acres in Lease: 1993.5  
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: NA  
NOTE: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b.) If air/gas drilling, notify local fire officials.  
32. BOP Equipment Type: ☐ Annular Preventor ☐ Double Ram ☒ Rotating Head ☐ None  
33. Comments  
34. Initial Rule 306 Consultation took place on (date) 3-19-2007, was waived, or is not required. Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation.  
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED.  
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Signed: Paul Gottlob Print Name: PAUL GOTTLÖB  
Title: Regulatory Technician Date: 8-14-2007 Email: pgottlob@petrogulf.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: 10-17-07  
Permit Number: 20074737 Expiration Date: 10-16-08  
API NUMBER  
05- 071-09416-00  
CONDITIONS OF APPROVAL, IF ANY:

3/8/07

1) Provide 48 hour notice of MIRU to John Duran at 719-846-4715 2) Set at least 640' of surface casing per Rule 317d, cement to surface 3) Provide cement coverage of production casing from TD to surface casing shoe or above. Verify coverage with cement bond log 4) Immediately cease operations and notify the COGCC in the event of any operational problem that could potentially impact water wells in the area



|   |                         |  |
|---|-------------------------|--|
| 05-071-08967, RULLESTAD 12-13V<br>PETROGULF CORPORATION | NWSW 12<br>33S -68W (6) | Sidetrack TD Formation Status<br>XX              |
| 05-071-08968, RULLESTAD 12-13R<br>PETROGULF CORPORATION | NWSW 12<br>33S -68W (6) | Sidetrack TD Formation Status<br>XX              |
| 05-071-06155, O'NEAL 1-14A<br>PRECISIONEERING INC       | NWNW 14<br>33S -68W (6) | Sidetrack TD Formation Status<br>00 2356 VRMJ SI |

## Facilities Selected

| FACILITY DESCRIPTION | LOCATION | PIT INFORMATION |         |        |
|----------------------|----------|-----------------|---------|--------|
|                      |          | Type            | Unlined | Status |

## Water Wells Selected From Map

Filter Results by Depth Greater than 1

Filter

| WELL DESCRIPTION   | LOCATION           | WELL INFORMATION |          |             |         |
|--|--------------------|------------------|----------|-------------|---------|
|  |                    | Depth            | Top Perf | Bottom Perf | Aquifer |
| Receipt=0500947, Permit=0245526--<br>WOOD TIMOTHY            | SWNE 2<br>33S-68W  | 952              | 112      | 8240 952    | GW      |
| Receipt=0354411, Permit=0171666--<br>MORRISEY WILFRED E      | SENW 2<br>33S-68W  | 48               | 12       | 48          | GW      |
| Receipt=0495351, Permit=0242925--<br>DAHL TRACY              | SWSE 2<br>33S-68W  | 450              | 100      | 8000 450    | GW      |
| Receipt=0358746, Permit=0173760--<br>HONEY FRANCIS           | NWSW 2<br>33S-68W  | 208              | 88       | 7640 208    | GW      |
| Receipt=0021032A, Permit=0021032-MH-<br>HONEY FRANCIS        | NWSW 2<br>33S-68W  | 208              | 88       | 208         | GW      |
| Receipt=0395579, Permit=0193342--<br>WHITE MIKE & VIRGINIA   | NWSW 2<br>33S-68W  | 100              | 30       | 100         | GW      |
| Receipt=0452446, Permit=0222184--<br>EAST GARY               | NWSW 2<br>33S-68W  | 300              | 30       | 7620 290    | GW      |
| Receipt=0502307, Permit=0246353--<br>HODGES KENNETH A        | NWNE 11<br>33S-68W | 602              | 0        | DRY 0       | GW      |
| Receipt=3605888, Permit=0269852--<br>KOSSLYN ROBERT M        | SWSE 11<br>33S-68W | 60               | 10       | 60          | GW      |
| Receipt=0376057, Permit=0182867--<br>SOWARDS RANDALL         | NESW 11<br>33S-68W | 36               | 16       | 36          | GW      |
| Receipt=0328627, Permit=0161244--<br>SILVA JULIA             | NWNE 12<br>33S-68W | 80               | 60       | 80          | GW      |
| Receipt=0449807, Permit=0220219--<br>DILLER ROGER K          | SWSW 12<br>33S-68W | 160              | 130      | 7540 160    | GW      |
| Receipt=0450595A, Permit=0220596--<br>ARMSTRONG MONROE ALLEN | SWSW 12<br>33S-68W | 169              | 19       | 7560 169    | GW      |
| Receipt=0024564A, Permit=0024564-MH-<br>ARMSTRONG ALLEN      | SWSW 12<br>33S-68W | 75               | 1        | 75          | GW      |

**Shelton, David**

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**From:** Lindblom, Steven  
**Sent:** Thursday, August 30, 2007 5:02 PM  
**To:** Shelton, David; Walker, Valerie; Ahlstrand, Dennis  
**Subject:** Ferguson 11-32 V and R



The attorney for the surface owner informed me that a surface use agreement has been reached and the onsite inspection request for these wells, now called the Saint Francis 11-32 R and Saint Anthony 11-32V, has been withdrawn.

Operator: Petrogulf  
Location SWNE 11 33S 68W  
Las Animas County

The green square has been removed.

**Steven R. Lindblom, P.G.**  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, CO 80203  
Tel: (303) 894-2100 x114  
fax: (303) 894-2109

08/30/2007



Well name and number:

St. Francis 11-32R

## Survey Plat Check list

S.W.N.E 11-33S-68W

(S)

| number | Item   |   |
|--------|--|---|
|        | 8-1/2" x 11" scaled drawing of the entire section  | ✓ |
| 1      | Dimensions on adjacent exterior section lines sufficient to completely describe the quarter section containing the proposed well shall be indicated  | ✓ |
| 1a     | If dimensions are not field measured, state how the dimensions were determined   | ✓ |
| 2      | The latitude and longitude of the proposed well location shall be provided on the drawing with a minimum of five (5) decimal places of accuracy and precision using the North American Datum (NAD) of 1983 (e.g.; latitude 37.12345 N, longitude 104.45632 W). If GPS technology is utilized to determine the latitude and longitude, all GPS data shall meet the requirements set forth in Rule 215. a. through h.  | ✓ |
| 2a     | PDOP value <7 if GPS used  | ✓ |
| 2b     | 5 decimal places of accuracy & precision   | ✓ |
| 2c     | NAD 1983   | ✓ |
| 3      | For directional drilling into an adjacent section, that section shall also be shown on the location plat and dimensions on exterior section lines sufficient to completely describe the quarter section containing the proposed productive interval and bottom hole location shall be indicated. (Additional requirements related to directional drilling are found in Rule 321.)  | ✓ |
| 4      | For irregular, partial or truncated sections, dimensions will be furnished to completely describe the entire section containing the proposed well.   | ✓ |
| 5      | The field-measured distances from the nearer north/south and nearer east/west section lines shall be measured at ninety (90) degrees from said section lines to the well location and referenced on the plat. For unsurveyed land grants and other areas where an official public land survey system does not exist, the well locations shall be spotted as footages on a protracted section plat using Global Positioning System (GPS) technology and reported as latitude and longitude in accordance with Rule 215. | ✓ |
| 6      | A map legend   | ✓ |
| 7      | A North Arrow  | ✓ |
| 8      | A scale expressed as an equivalent (e.g. 1" = 1000').  | ✓ |
| 9      | A bar scale.   | ✓ |
| 10     | The ground elevation.  | ✓ |
| 11     | The basis of the elevation (how it was calculated or its source).  | ✓ |
| 12     | The basis of bearing or interior angles used.  | ✓ |
| 13     | Complete description of monuments and/or collateral evidence found; all aliquot corners used shall be described.   | ✓ |
| 14     | The legal land description by section, township, range, principal meridian, baseline and county.   | ✓ |
| 15     | Operator name  | ✓ |
| 16     | Well name and number   | ✓ |
| 17     | Date of completion of scaled drawing   | ✓ |
| 18     | All visible improvements within two hundred (200) feet of a wellhead (or, in a high density area within four hundred (400) feet of a wellhead) shall be physically tied in and plotted on the well location plat or on an addendum, with a horizontal distance and approximate bearing from the well location.   | ✓ |
| 18a    | Visible improvements shall include, but not be limited to, all buildings, publicly maintained roads and trails, major above ground utility lines, railroads, pipelines, mines, oil wells, gas wells, injection wells, water wells, visible plugged wells, sewers with manholes, standing bodies of water, and natural channels including permanent canals and ditches through which water flows.   |   |
| 18b    | If there are no visible improvements within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead), it shall be so noted on the Permit-to-Drill, Form 2.  | ✓ |
| 19     | Surface use shall be described within the two hundred (200) foot radius of a wellhead (or in a high density area within the four hundred (400) foot radius of a wellhead).   | ✓ |

The survey plat you submitted with your permit was found to be in non-compliance with COGCC rule 303c. See above checklist. If a survey plat is not in compliance with rule 303c the operator will be notified and the permit will be placed on hold until an adequate replacement is supplied to the COGCC.

JAW