



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

2. TYPE OF WELL
 OIL GAS COALBED OTHER: _____
 SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES

Refiling
 Sidetrack

Plugging Bond Surety ID#
 20070048

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 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

Complete the Attachment Checklist

	OP	COGCC
APD Orig & 1 Copy	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Form 2A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Well location plat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Topo map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mineral lease map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface agrmt/Surety	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
30 Day notice letter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Deviated Drilling Plan	<input type="checkbox"/>	<input type="checkbox"/>
Exception Location Request	<input type="checkbox"/>	<input type="checkbox"/>
Exception Loc Waivers	<input type="checkbox"/>	<input type="checkbox"/>
H2S Contingency Plan	<input type="checkbox"/>	<input type="checkbox"/>
Federal Drilling Permit	<input type="checkbox"/>	<input type="checkbox"/>

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.)
<u>RATON</u>	<u>RTON</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

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.

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
<u>Conductor</u>	<u>12-3/4"</u>	<u>12-3/4"</u>	<u>23#</u>	<u>40'</u>	<u>12</u>	<u>40'</u>	<u>SURFACE</u>
<u>Surface</u>	<u>11"</u>	<u>8-5/8"</u>	<u>24#</u>	<u>620'</u>	<u>182 +</u>	<u>620'</u>	<u>SURFACE</u>
<u>Prod</u>	<u>7-7/8"</u>	<u>5-1/2"</u>	<u>17#</u>	<u>2350'</u>	<u>681</u>	<u>2350'</u>	<u>SURFACE</u>

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 GOTTL0B
 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: Ben J. Mark 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:

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



Facilities Selected

FACILITY DESCRIPTION	LOCATION	PIT INFORMATION		
		Type	Unlined	Status

Water Wells Selected From Map

Filter Results by Depth

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

Shelton, David

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

Well name and number:

St. Francis 11-32R

Survey Plat Check list

SUNE 11-335-68W

(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)