

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 266196

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Petrogulf Corporation 600 Grant St., Ste. 850 Denver, CO 80203		2. OGRID Number 373806
4. Property Code 325393		3. API Number 30-015-45888
5. Property Name CAPONE		6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	35	22S	26E		917	N	230	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	35	22S	26E	A	330	N	245	E	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3251
16. Multiple N	17. Proposed Depth 14350	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/1/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	412	0
Int1	12.25	9.625	36	1950	585	0
Int2	8.75	7	26	9270	815	1750
Prod	6.125	4.5	13.5	14350	534	8270

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	Shaffer
Double Ram	10000	5000	Shaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Jerry Goedert	Approved By: Raymond Podany
Title:	Title: Geologist
Email Address: JGoedert@petrogulf.com	Approved Date: 4/18/2019 Expiration Date: 4/18/2021
Date: 4/18/2019 Phone: 303-893-5400	Conditions of Approval Attached

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name CAPONE	⁶ Well Number 1H
⁷ OGRID No.	⁸ Operator Name PETROGULF CORPORATION	⁹ Elevation 3251.1'

¹⁰ Surface Location

UL or lot no. D	Section 35	Township 22S	Range 26E	Lot Idn	Feet from the 917	North/South line NORTH	Feet from the 230	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 35	Township 22S	Range 26E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 245	East/West line EAST	County EDDY
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>¹⁶</p> <p>NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°21'12.80" (32.353557°) LONGITUDE = 104°16'17.82" (104.271617°)</p> <p>NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°21'12.38" (32.353439°) LONGITUDE = 104°16'16.01" (104.271113°)</p> <p>STATE PLANE NAD 83 (N.M. EAST) N: 492361.19' E: 560395.20'</p> <p>STATE PLANE NAD 27 (N.M. EAST) N: 492302.22' E: 519213.75'</p> <p>NAD 83 (FIRST TAKE LOCATION) LATITUDE = 32°21'18.61" (32.355171°) LONGITUDE = 104°16'16.85" (104.271346°)</p> <p>NAD 27 (FIRST TAKE LOCATION) LATITUDE = 32°21'18.19" (32.355053°) LONGITUDE = 104°16'15.03" (104.270842°)</p> <p>STATE PLANE NAD 83 (N.M. EAST) N: 492948.50' E: 560478.39'</p> <p>STATE PLANE NAD 27 (N.M. EAST) N: 492889.51' E: 519296.94'</p> <p>NAD 83 (LAST TAKE LOCATION) LATITUDE = 32°21'18.47" (32.355130°) LONGITUDE = 104°15'22.78" (104.256327°)</p> <p>NAD 27 (LAST TAKE LOCATION) LATITUDE = 32°21'18.04" (32.355012°) LONGITUDE = 104°15'20.96" (104.255824°)</p> <p>STATE PLANE NAD 83 (N.M. EAST) N: 492936.78' E: 565116.10'</p> <p>STATE PLANE NAD 27 (N.M. EAST) N: 492877.69' E: 523934.58'</p> <p>NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°21'18.46" (32.355127°) LONGITUDE = 104°15'21.79" (104.256052°)</p> <p>NAD 27 (BOTTOM HOLE LOCATION) LATITUDE = 32°21'18.03" (32.355009°) LONGITUDE = 104°15'19.97" (104.255548°)</p> <p>STATE PLANE NAD 83 (N.M. EAST) N: 492935.64' E: 565201.14'</p> <p>STATE PLANE NAD 27 (N.M. EAST) N: 492876.55' E: 524019.62'</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>March 30, 2019</p> <p>Date of Survey _____ Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number: _____</p>
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Form APD Comments

Permit 266196

PERMIT COMMENTS

Operator Name and Address: Petrogulf Corporation [373806] 600 Grant St., Ste. 850 Denver, CO 80203		API Number: 30-015-45888
		Well: CAPONE #001H

Created By	Comment	Comment Date
rpodany	My records show this is FEDERAL Minerals. you will need to apply for Federal APD with the BLM. On line OCD applications are for Fee and STATE lands.	4/18/2019

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Form APD Conditions

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: Petrogulf Corporation [373806] 600 Grant St., Ste. 850 Denver, CO 80203		API Number: 30-015-45888
		Well: CAPONE #001H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	