

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3482

**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 223735

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

1. Operator Name and Address FORGE ENERGY, LLC 10999 IH-10 W San Antonio, TX 78230		2. OGRID Number 371275
4. Property Code 316520		3. API Number 30-025-43365
5. Property Name SCHUBERT 18		6. Well No. 004H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	18	19S	39E		245	S	2405	E	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	18	19S	39E	B	330	N	2314	E	Lea

**9. Pool Information**

NADINE;SAN ANDRES, NORTHEAST	97353
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3504
16. Multiple N	17. Proposed Depth 4600	18. Formation San Andres	19. Contractor	20. Spud Date 8/15/2016
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	12.25	9.625	36	1750	725	0
Prod	8.75	5.5	17	4600	1880	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	10000	Cameron
Annular	5000	5000	Shafter
Pipe	10000	10000	Cameron

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:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Katrina Boyd Title:	Approved By: Paul Kautz Title: Geologist
Email Address: kboyd@forenergy.com Date: 7/20/2016	Approved Date: 7/20/2016 Expiration Date: 7/20/2018
Phone: 432-524-1301	Conditions of Approval Attached

DISTRICT I  
1625 N. French Dr., 11088, NM 87243  
Phone: (505) 393-6151 Fax: (505) 393-0720

DISTRICT II  
811 S. First St., Artesia, NM 87010  
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III  
1000 Rio Pecos Rd., Aztec, NM 87410  
Phone: (505) 334-6171 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3450 Fax: (505) 476-3442

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name <b>SCHUBERT 18</b>	Well Number <b>4H</b>
OGRID No.	Operator Name <b>FORGE ENERGY, LLC</b>	Elevation <b>3504'</b>

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	18	19 S	39 E		245	SOUTH	2405	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	19 S	39 E		330	NORTH	2314	EAST	LEA
Dedicated Acres	Joint or Infill	Consolidated Code	Order No.						
160.00									

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>A</p>	<p>SCHUBERT 18-4H BHL NMSP-E (NAD 83) N (Y) = 608530.3 E (X) = 925898.8 LAT. = 32°40'00.02"N LONG. = 103°05'01.25"W NMSP-E (NAD 27) N (Y) = 608472.3 E (X) = 925847.18 LAT. = 32°40'00.02"N LONG. = 103°05'01.25"W</p>	<p>OPERATOR CERTIFICATION 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 leased 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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Katrina Boyd</i> 07/20/2016 Signature Date</p> <p>Katrina Boyd Print Name</p> <p>kboyd@forgenergy.com E-mail Address</p>
<p>C</p>	<p>POP/FIP 630' FSL &amp; 2314' FEL NMSP-E (NAD 83) N (Y) = 604201.7 E (X) = 925934.2 LAT. = 32°39'17.19"N LONG. = 103°05'01.43"W NMSP-E (NAD 27) N (Y) = 604143.6 E (X) = 925847.53 LAT. = 32°39'17.19"N LONG. = 103°05'01.43"W</p>	<p>SURVEYORS CERTIFICATION 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>JULY 18, 2016 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>
<p>D</p>	<p>SCHUBERT 18-4H SHL NMSP-E (NAD 83) N (Y) = 603815.6 E (X) = 925846.4 LAT. = 32°39'13.38"N LONG. = 103°05'02.61"W NMSP-E (NAD 27) N (Y) = 603767.5 E (X) = 925846.5 LAT. = 32°39'13.38"N LONG. = 103°05'02.61"W</p>	<p>James E. Tompkins 14729 REGISTERED PROFESSIONAL SURVEYOR NEW MEXICO</p> <p>Job No.: WTC51245 JAMES E. TOMPKINS 14729 Certificate Number</p>

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments

Permit 223735

**PERMIT COMMENTS**

Operator Name and Address: FORGE ENERGY, LLC [371275] 10999 IH-10 W San Antonio, TX 78230	API Number: 30-025-43365
	Well: SCHUBERT 18 #004H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 223735

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: FORGE ENERGY, LLC [371275] 10999 IH-10 W San Antonio, TX 78230		API Number: 30-025-43365
		Well: SCHUBERT 18 #004H
OCD Reviewer	Condition	
pkautz	Will require a directional survey with the C-104	
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.	
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface	
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement	
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water	
pkautz	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186	
pkautz	Must notify OCD Hobbs Office of any water flows in the Salado Formation at 575-370-3186. Report depth and flow rate	
pkautz	1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.	
pkautz	The New! Gas Capture Plan (GCP) notice is posted on the NMOCDD website under Announcements. The Plan became effective May 1, 2016. A copy of the GCP form is included with the NOTICE and is also in our FORMS section under Unnumbered Forms. Please review filing dates for all applicable activities currently approved or pending and submit accordingly. Failure to file a GCP may jeopardize the operator's ability to obtain C-129 approval to flare gas after the initial 60-day completion period.	