

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM 112957
2. Name of Operator Caerus Southern Rockies LLC		6. If Indian, Allottee or Tribe Name
3a. Address 600 17th Street; Suite 1600N Denver, CO 80202	3b. Phone No. (include area code) (303) 565-4600	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1350' FNL & 1200' FEL Sec 35, T25N, R10W		8. Well Name and No. Tsah Tah 35#1
		9. API Well No. 30-045-33766
		10. Field and Pool or Exploratory Area San Juan Basin Field
		11. Country or Parish, State San Juan, New Mexico

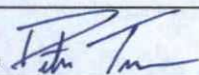
**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

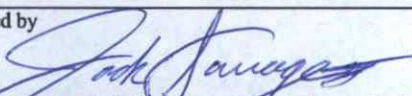
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

The Tsah Tah 35#1 well is currently not producing. Caerus Southern Rockies LLC wishes to re-enter the wellbore in order to pull the tubing string and replace any compromised joints of tubing, run a casing scrapper over the perforated interval to ensure that the perfs are open, run in hole with a packer in order to isolate the completed interval and pump 750 - 1,000 gal 15% HCl in order to clean up the perfs and return the well to production. A subsequent report will be filed with the BLM Farmington Field Office once the work is completed and the well has successfully be returned to production.

OIL CONS. DIV DIST. 3  
OCT 16 2015

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Peter Travers		Operations Engineer
Signature 		Title
		Date 10/02/2015

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by 	Title PE	Date 10/13/15
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office FFO	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOC D RV



## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

**ROUTINE USES:** Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

**EFFECT OF NOT PROVIDING THE INFORMATION:** Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240





Caerus Southern Rockies  
September 29<sup>th</sup>, 2015

Well Name: Tsah Tah 35#1  
AFE Number:

API: 30-045-33766  
County: San Juan

WI: 100% NRI: 87.5%  
Field: Tsah Tah

**Present Condition:**

**Current Production:** 0 MCFD gross

**Recent Wellwork:** 2/1/2011: MIRU. Removed horsehead. Call from Caerus shut down job – RDMO. Leave horsehead on ground.  
6/2/2010: MIRU. Heavy scale on rods. Lay down three jts. (jt. #49 for rod wear, #50 for crimp, and #51 for 6" hole). RIH w/ rod string. Pump 250 gal. 15% HCl. Swabbed back fluid. Ran new pump. Loaded tbg. and popped another hole – laid down jt. #47 w/ hole.  
11/14/2008: MIRU. Lay down one jt. (jt. #50 w/ 2' rod cut). Move bottom five jts. to top of tubing string.  
4/18/2008: MIRU. Lay down one jt. (jt. #51 w/ hole).  
8/24/2007: MIRU. Lay down three jts. (jts. #49 and #51 w/ holes, jt. #50 crushed).  
5/18/2007: MIRU. Lay down eight jts. (jt. #51 w/ hole, other jts. badly rod cut).  
11/27/2006-12/8/2006: Perforate Fruitland Coal @ 1,492', 1,544' and from 1,671' through 1,683'. Complete well and cleanout. Land tubing and begin pumping.  
7/30/2006-8/3/2006: Spud and TD well.

**KB:** 5'

**Open Perfs:** 1,492', 1,544' and 1,671' – 1,683'

**Csg:** 7" 20# J-55 Surface Casing set @ 125' KB  
4-1/2" 10.5# J-55 Production Casing set @ 1,886'  
PBDT: 1,865' KB  
Fill last tagged: 1,853' (11/14/2008)

Tbg:	Tubing Detail	Length	MD
	KB	5'	
	53 jts 2-3/8" 4.7# J-55 EUE tbg	1,690'	1,695'
	Seating Nipple	1.1'	1,696.1'
	Slotted Mud Anchor	32'	1,728.1'
		1,728.1'	

**Purpose of Rework:** HIT & scale anticipated. Replace bad jts. of tubing and complete acid squeeze to return well to production.

**Procedure:**

1. Move on location and rig up a workover rig. Hold a safety meeting and explain the procedure to the crew.
2. Check and record pressures. Horse's head has already been laid down. TOOH with 1 ea. 8' & 1 ea. 6' pony rods, 59 ea. 3/4" rods, 8 ea. 7/8" rods and the 2" x 1-1/2" x 14' RWAC pump.
3. Drop standing valve and pressure test tubing (HIT expected, so test expected to fail).

4. ND well head and NU BOP. Pick up extra jts and tag PBTD @ 1,865'KB. TOOH and lay down extra jts. TOOH with 53 jts. of 2-3/8", J-55, EUE 8rd tubing, SN and mud anchor. Tally and visually inspect tubing for holes, corrosion, scale, sand fill, crimps, damage, etc. Lay down and replace any joints found w/ mechanical failure.

*Note any material transfers of tubing joints, equipment, etc. on daily report.*

5. PU 4-1/2" casing scraper and TIH to PBTD @ 1,865'KB to ensure perfs clear. TOOH w/ casing scraper.
6. PU packer and RIH to ~1,390' to isolate perfs starting @ 1,492'. RU H&M Precision and pump 1,000 gal of 15% HCl acid with double inhibitor, iron sequestering and surfactant, flush with 2 bbls of water. Shut in well and let soak overnight.
7. Swab back fluids until clean.
8. POOH and lay down packer.
9. PU and RIH w/ mud anchor, seating nipple, and ten jts. 2-3/8" L-80 EUE tubing for bottom of string. Continue in with rest of string (43 jts.) 2-3/8" J-55 EUE tbg. Land tubing with SN below lower perf.
10. ND BOP & NU wellhead.
11. TIH with 2" x 1-1/2" x 14'(16') RWAC pump and original rod string.
12. Long stroke pump to check pump action and tubing. Space out pump and hang off rods. Start PJ and turn well over to production.
13. RDMO. Turn location over to lease operator.



Prepared by Peter Travers  
Operations Engineer  
[ptravers@caerusoilandgas.com](mailto:ptravers@caerusoilandgas.com)  
Office: (720)880-6408  
Cell: (970)412-8375

Emergency Contact Information:

**For immediate emergencies call 911.**

**Caerus Emergency Hotline**  
**(866) 580-9382**

**Wyoming Flight for Life**  
**855-562-4900**  
**Lat: 36.3611107, Long: -107.8611755**

**San Juan County Sheriffs' Office**  
**(505)598-0475**

**San Juan Regional Medical Center**  
**(505)609-2000**  
**801 W. Maple Street**  
**Farmington, NM 87401**