

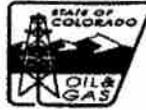


02054347

- Amended -

FORM 6 Rev. 12/05

State of Colorado Oil and Gas Conservation Commission



RECEIVED MAR 11 2010 COGCC

1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

WELL ABANDONMENT REPORT

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

COGCC Operator Number: 10084
Name of Operator: Pioneer Natural Resources USA, Inc.
Address: 1401 17th Street - Suite 1200
City: Denver State: CO Zip: 80202
Contact Name & Telephone: Joy A. Ziegler
No: 303-675-2663 Fax: 303-294-1275
24 hour notice required, contact:

API Number: 05-103-08982
Well Name: Taiga Mtn Well Number: 6-14-1-103
Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW, 14-T1N-R103W 6th PM
County: Rio Blanco Federal, Indian or State Lease Number: C-17543
Field Name: Taiga Mountain Field Number: 80815
Complete the Attachment Checklist

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon
Latitude: Longitude:
GPS Data:
Date of Measurement: PDOP Reading: Instrument Operator's Name:
Reason for Abandonment: Dry Production Sub-economic Mechanical Problems Other
Casing to be Pulled: Yes No Top of Casing Cement:
Fish in Hole: Yes No If yes, explain details below
Wellbore has Uncemented Casing Leaks: Yes No If yes, explain details below
Details:

Current and Previously Abandoned Zones

Table with columns: Formation, Perforations - Top, Perforations - Bottom, Date Abandoned, Method of Isolation, Plug Depth

Casing History

Table with columns: String, Size of Hole, Size of Casing, Weight per ft, Setting Depth, Sacks Cement, Cement Bottom, Cement Top

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5135 with 10 sacks cmt on top. CIBP #2: Depth with sacks cmt on top.
Set 20 sks cmt from 5398 ft. to 5135 ft. in
Set 75 sks cmt from 3800 ft. to 3336 ft. in
Perforate and squeeze at ft. with sacks Leave at least 100 ft. in casing
Dry-Hole Marker: Yes No

Additional Plugging Information for Subsequent Report Only

Casing Recovered: 3750 ft. of 4-1/2 in. casing Plugging date: 11/12/08
*Wireline Contractor: *Cementing Contractor: Western Wellsite Service
Type of Cement and Additives Used: "G" Neat 15.8ppg 1.15ft^3/sk, No additives
*Attach job summaries.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Joy A. Ziegler Email: joy.ziegler@pxd.com
Signed: Title: Senior Engineering Tech Date: 3/11/2010
OGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

NOT APPROVED
SEE ATTACHED EMAILS DATED 3/5/2010 AND 3/17/2010
David And

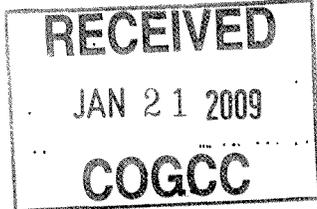
Windows Live Hotmail Print Message

Job Log Federal 6-14

From: **Bud Holman** (budholman@hotmail.com)

Sent: Fri 11/14/08 6:37 AM

To: Harlan Hodge (harlanhodge@hotmail.com); Dave Rebol (daverebol@hotmail.com)



JOB LOG

Western Wellsite Services LLC
17509 MCR 14
Fort Morgan, Colorado 80701

Operator: Pioneer Natural Resources

Well: Taiga Mountain Federal 6-14-1N-103W

Location: NESW, Sec-14, T1N, R103W

Date: 11-13-08

MIRU P&A Rig.
LD 204 3/4" sucker rods and pump. Well started flowing. Killed well, ND wellhead and NU BOPs
Released tbng anchor. TOOH with 191 jnts of 2-3/8" tbng. LD on trailer. (Too short to stand back)
RIH with 4-1/2" CICR to 5135'. Pumped 20 sks under and 10 sks on top. LD tbng and stinger.
ND BOPs and casing head. MIRU wireline. Freepoint and cut casing at 3750'. LD 93 jnts of 4-1/2" casing.
RIH with 141 jnts of 2-3/8" tbng to 3800'. Pumped 75 sk plug. LD 40 jnts. Tagged plug at 3336'.
Tested 7" x 9-5/8" annulus to 1000 psi for 10 min. Held good.
Pulled up hole to 267'. Pumped 25 sk plug. LD tbng.
Dug out surface head and cut off casing. Pumped 15 sk surface plug in 7" and in 7" x 9-5/8" annulus.
Welded on cap and marker plate. Backfilled hole. RDMO

Andrews, David

From: Andrews, David
Sent: Wednesday, March 17, 2010 1:05 PM
To: 'Duran, Cody'
Cc: Ziegler, Joy; Nilson, Gary; 'Betty_Lau@blm.gov'; chadvannest@hotmail.com
Subject: RE: Taiga Mtn 6-14 followup

Cody,

I understand that Betty Lau (BLM White River Field Office) has been in contact with Pioneer regarding this situation. Betty informed me that the plugging contractor (Western Wellsite Services) intends to re-enter this well on behalf of Pioneer to re-set downhole plugs. Within 30 days of completion of the work, submit a new Form 6 (Subsequent Report of Abandonment) and new work tickets for the re-entry and P&A.

Please make sure that your contractor is aware that the surface casing shoe plug should extend from 410' to 310'.

Thanks,

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650
Office Phone: (970) 625-2497 Ext. 1
Cell Phone: (970) 456-5262
Fax: (970) 625-5682
E-mail: David.Andrews@state.co.us
Website: <http://www.colorado.gov/cogcc>

From: Duran, Cody [<mailto:Christopher.Duran@pxd.com>]
Sent: Thursday, March 11, 2010 3:05 PM
To: Andrews, David
Cc: Ziegler, Joy; Nilson, Gary
Subject: Taiga Mtn 6-14 followup

David,

I am sorry to be getting back to you at the last day. Bob is no longer with the company and I was out last week, and finally got to this. I will do my best to answer your questions.

1. I do not know why the CICR was set at 5135. The ten sacks on top should provide a TOC at 5003' which is still does not cover the perms. The only thing I have in our defense is that the approval letter attached says that all plugs were verbally approved by Mike McLaren as well as signed off on 1/23/2009. .
2. I do not know why the surface casing shoe was pumped at 267' or if it even was pumped there. One report from the service provider has the tubing depth at 360' which is still not 50' below the shoe but better than 260'. There is also discrepancy from their reports as to the amount of cement pumped in this plug. One report says 25sks and one says 75sks, the 75sks provides 390' of fill in the 7" so they could not have been set at 267'. The wellbore diagram that I have attached shows that on the intermediate cement job, cement was circulated to surface so there is cement covering the surface shoe. It only took 2bbbls to fill the surface-7" annulus when they pressure tested so that further shows that there is not much of a void in the annulus. Once again there is

conflicting reports on pressure, but at a minimum it was tested to 600psi for 10 minutes. One report shows 1000psi.

3. I have revised the form 6 to match the cement tickets and Joy has signed and attached. I have also attached a revision of your WBD to show my calculations and cement tops and bottoms.

I hope this satisfies your questions and concerns. I once again apologize for being last minute. My contact is below.

Cody Duran

Operations Manager-U/P Basin

Pioneer Natural Resources

1401 17th Street, Suite 1200

Denver, Colorado 80202

☎Office: (303) 675-2623

☎Fax: (303) 294-1265

📱Mobile: (303) 880-0790

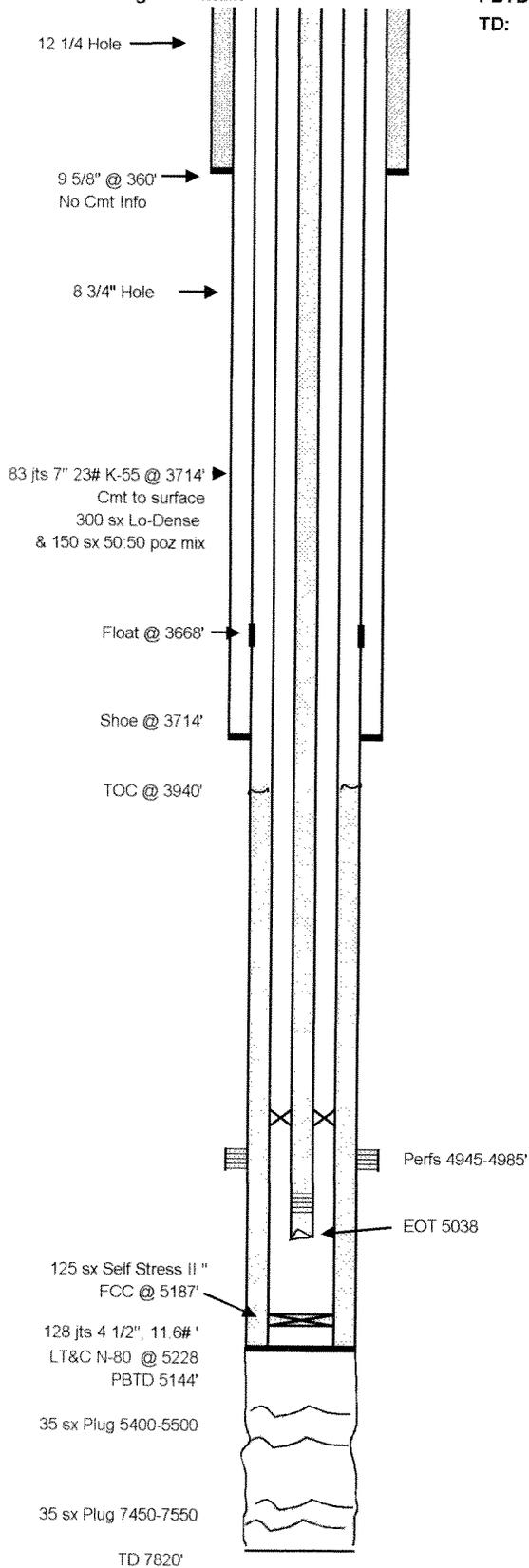
Statement of Confidentiality:

This message may contain information that is privileged or confidential. If you receive this transmission in error, please notify the sender by reply e-mail and delete the message and any attachments.

WELL NAME: **Taiga Mountain 6-14-1N-103W**
 Footage: **1644 FSL, 1701 FWL,**
 LOCATION: **Sec 14 Twp 1N Rge 103W**
 FIELD: **Taiga Mountain**

GL: **5371**
 KB: **5384**
 API NO: **510308982**
 PBD: **5144**
 TD: **7820**

Surveys	Degrees	Depth Ft
3/4		360
1		608
1		1016
3/4		2144
1 1/2		2867
Mud up		3714
2		4425
2 3/4		4754
7 1/2		5257
5 3/4		5476
5		5728
4 3/4		6008
5		6427
3 3/4		7075
3 1/2		7340



7/25/95 Rod Detail: 1 1 1/4"x15' Polished Rod
 1 4"x3/4" Pony Rod
 198 3/4" Rods
 Pump: 1 2" x 1 1/2"x16' RWBC pump
 1 1"x12' Gas Anchor

WELL HISTORY

12/6/1982 Spud well. Drill to 3716' Circ for DST #1 Drill to 3740' Ran 83 jts 7" 23# LT&C & ST&C K-55 csg w/float clr @ 3668'. Cmt w/ 300 sx LoDense tail w/ 150 sx 50:50 Opoz mix w/ 5% KCL, 2% CaCl₂. Circ cmt to surface. Mud up, encountered gas & condensate @ 4960'. Drill to 7820'. Log, could not get logs below 7600'. Set plug #1 @ 7550-7450' w/ 35 sx CI-'H' neat cmt. Set plug #2 @ 5500 to 5400' w/ 35 sx CI-'H' neat cmt. PU to 5200' & circ. Ran 128 jts 4 1/2" 11.6# LT&C N-80 csg total 5228' Float @ 5187'. Cmt w/ 125 sx Dowell Modified Self Stress II w/10#/sx D-42 & 5% KCl. Rig release 12/29/1982.
 2/10/1983 MIRU, ran CBL-DVL-CCL, PBD 5144 to 3750' Good bond across Mancos. 2/15/83 Perf Mancos 1 spf total 41 holes 4945' to 4985'. Ran 185 jts 2 3/8" tbg landed @ 4892.59'. Flow test well FTP 120-240 psi, CP 370 psi, Avg 250 mcf/d & 38 BO 0 BW in 7 hrs. 1st gas sales 9/28/83.
 3/2/1989 Shot FL, FL @ 3036' perms @ 4945-85'. 47 degree API grav @ .345 psi/ft= 659 psi + 840 psi=1499 psi required to lift fluid.
 7/16/1993 Flow test well. SITP 200 psi, FTP 80 psi declined to 0 psi in 30 min. Repair leaking valves. Ran BHP bombs. Open well SITP 284 psi to 0 psi initially, built to FTP 114 psi in 45 min. Flow well 2 hrs FTP 20 psi. Rec'd 75.1/2 BO. in 2 hrs.
 6/6/1994 MIRU, Swab well, SICP 700 psi. SITP 0. Made 1 swab run to SN @ 5100'. Well kicked off & flow tbg to tank. RDMO.
 9/29/1994 Installed DH pump & rods.
 10/14/1994 Well not pumping, pulled pump & checked, made swab run, FL 3000'. Re-ran pump & rods.
 7/25/1995 Pull pump and replace w/ new 2"x 1 1/2"x16' RWBC pump.

Tubing Detail:
 189 jts 2 3/8 @ 5038'
 TAC @ 4848
 8 jts 2 3/8 @ 4852
 SN @ 5007'
 1 6' perf jt @ 5013'
 1 Mud jt @ 5038'

Notes:
 IBHP 1340 psig, 41 hr BU 1283 psig 7/19/93 after 3130 BO & 3262 mcf/g.
 Potential: Mancos 'B' @ 4500', Castlegate @ 3338-44', Coals: MV @ 978-981', all have good cmt.

Prepared by: **ras/ddm**

Date: **5/12/2003**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.

5. Lease Serial No.
C-17543

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.
C-047693F

8. Well Name and No.
Taiga Mtn 6-14-1-103

9. API Well No.
05-103-08982

10. Field and Pool or Exploratory Area
Taiga Mountain

11. Country or Parish, State
Rio Blanco, CO

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Pioneer Natural Resources USA, Inc.

3a. Address
1401 17th Street - Suite 1200
Denver, CO 80202

3b. Phone No. (include area code)
303-675-2663

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1644' FSL, 1701' FWI
NESW, 14-1N-103W, 8th PM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 checked="" 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 recomplete 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 performed 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 recompletion 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 determined that the site is ready for final inspection.)

11/4/08 - 11/12/08

MIRU Western Wellsite Services - TOH w/204 3/4" rods - 193 jts 2-3/8" tbg. Set CIRC @ 5135' - put 20 sx under CIRC & 10 sx on top. Ran free point & cut csg @ 3750' - TOH w/93 jts 4-1/2". Mix & pump 75 sx "G" Neat cmt. Tag cmt @ 3356' - pulled up hole to 267', mixed and pumped 75 sx cmt, topped off well w/15 sx cmt. Well on cap 7 marker.

BLM elected not to witness in person; all plugs were verbally approved by Mike McLaren.

Will report Final Abandonment Notice when seeded and grass is well established.

2009 JAN 16 09:12:19

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)
Joy A. Ziegler

Title Senior Engineering Tech

Signature *Joy A. Ziegler* Date 01/13/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* Title *Assoc* ASSOCIATE FIELD MANAGER Date 01-23-09

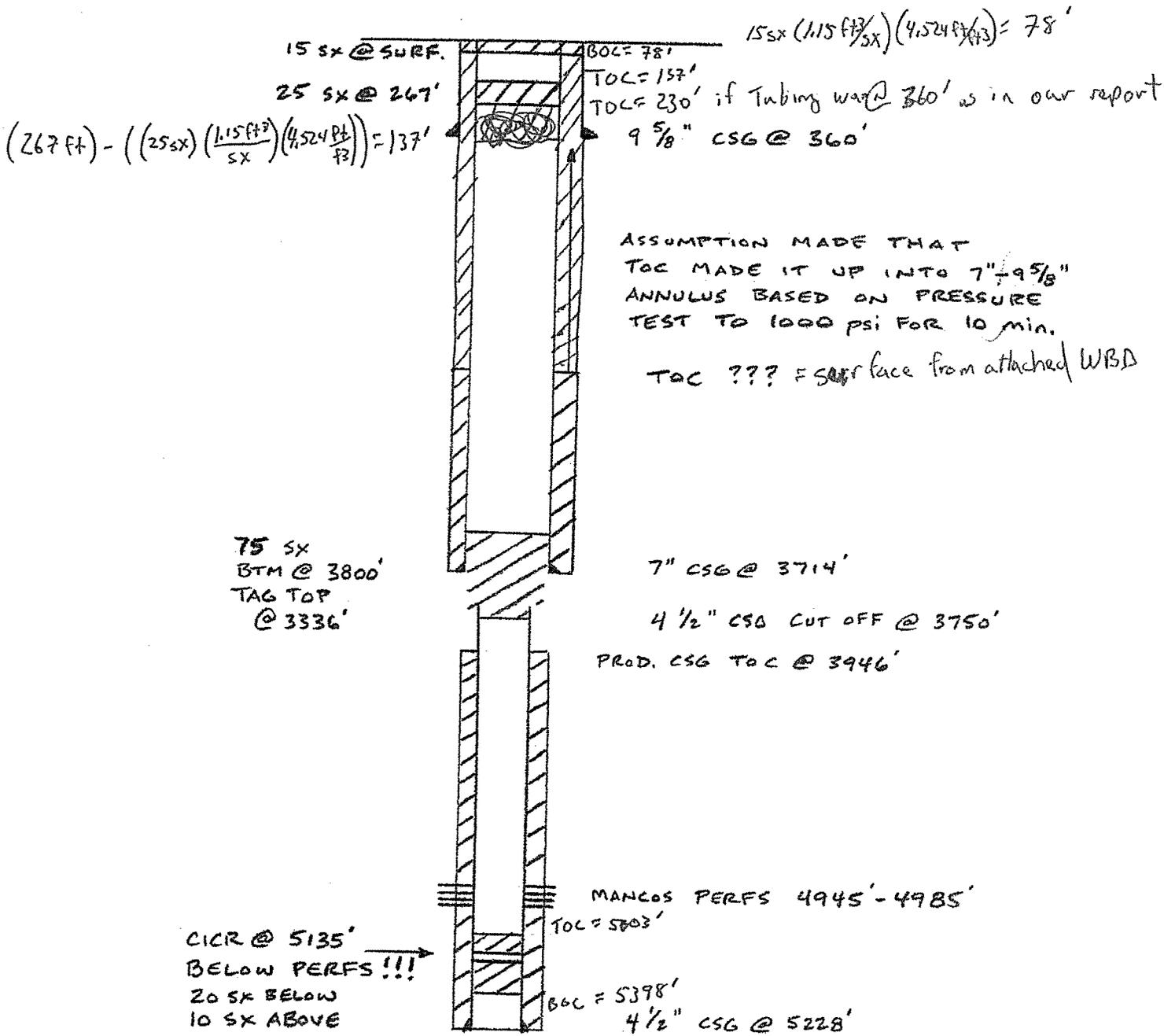
Office White River Field Office-Moaker, CO

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.

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)

TIAGA MTN 6-14-1-103
05-103-0898Z



$$5135 \text{ ft} + ((20 \text{ sx}) \left(\frac{1.15 \text{ ft}^3}{\text{sx}}\right) \left(\frac{11.459 \text{ ft}}{\text{ft}^3}\right)) = 5398 \text{ ft Bottom of Cement (BOC)}$$

$$5135 \text{ ft} - ((10 \text{ sx}) \left(\frac{1.15 \text{ ft}^3}{\text{ft}^3}\right) \left(\frac{11.459 \text{ ft}}{\text{ft}^3}\right)) = 5003 \text{ ft TOC}$$

Andrews, David

From: Andrews, David
Sent: Friday, March 05, 2010 8:45 AM
To: 'Ziegler, Joy'; Sencenbaugh, Bob
Subject: FW: Tiaga Mtn 6-14-1-103 P&A Procedures and As-Built Location Data
Attachments: Tiaga Mtn 6-14-1-103 WBD and Cmt Ticket.PDF; Tiaga Mtn 6-14-1-103 Form 6 SRA.PDF

Importance: High

Joy and Bob,

Based on your emails in February, I understood that Bob intended to get back with me on answers to my P&A Procedure questions shown below. Pioneer is past-due on a response to my request. Please reply no later than Thursday 3/11.

Joy previously informed me that GPS data was already submitted for this well. Please disregard my request below for as-built location data.

Thanks,

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650
Office Phone: (970) 625-2497 Ext. 1
Cell Phone: (970) 456-5262
Fax: (970) 625-5682
E-mail: David.Andrews@state.co.us
Website: <http://www.colorado.gov/cogcc>

From: Andrews, David
Sent: Wednesday, February 03, 2010 5:08 PM
To: 'Ziegler, Joy'
Subject: Tiaga Mtn 6-14-1-103 P&A Procedures and As-Built Location Data

Joy,

P&A Procedures

COGCC received Pioneer's Form 6 (Subsequent Report of Abandonment) for Tiaga Mtn 6-14-1-103 (05-103-08982) on 1/21/2009. A cement ticket was provided with that Form 6. I sketched a wellbore diagram based on information provided on the Form 6 and the cement ticket (see attached). Please reply with an explanation for the following within 30 days:

1. Why was the CICR set at a depth of 5135', below the Mancos perforations from 4945' to 4985'? Pioneer's intent to abandon called for a cement squeeze into the perforations from 5000' to 4900'.
2. Why was the surface casing shoe plug pumped at a depth of 267'? Pioneer's intent to abandon called for a cement half-in/half-out of the surface casing from 410' to 310' (across the surface casing shoe at 360').
3. Plug depths on Form 6 (Subsequent Report of Abandonment) do not match the plug depths shown on the cement ticket. Form 6 is attached for your reference.

Did BLM approve plugging procedure changes (items 1 and 2 above)?

As-Built Location Data

COGCC received Pioneer's Form 6 (Notice of Intent to Abandon) for Tiaga Mtn 6-14-1-103 on 10/10/2008. COGCC approved that form on 1/16/2009, with a condition of approval that stated, "Operator to provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215." Pioneer did not provide GPS coordinates on Form 6 (Subsequent Report of Abandonment), received by COGCC on 1/21/2009.

COGCC's As-Built Location Policy requires, "...latitude and longitude coordinates in decimal degrees with an accuracy and precision of at least five (5) decimals of a degree using the NAD 83 datum (e.g.; latitude 37.12345 N, longitude 104.45632 W)."

Rule 215 is provided below for your reference:

215. GLOBAL POSITIONING SYSTEMS

Global Positioning Systems (GPS) may be used to locate facilities used in oil and gas operations provided they meet the following minimum standards of the Commission:

- a. Instruments rated as Differential Global Positioning System (DGPS) shall be used.
- b. Instruments shall be capable of one (1) meter accuracy after differential correction.
- c. All GPS data shall be differentially corrected by post processing prior to data submission.
- d. Position dilution of precision (PDOP) values shall not be higher than six (6) and shall be included with location data.
- e. Elevation mask (lowest acceptable height above the horizon) shall be no less than fifteen degrees (15 degrees)
- f. Latitude and longitude coordinates shall be provided in decimal degrees with an accuracy and precision of five (5) decimals of a degree using the North American Datum (NAD) of 1983 (e.g.; latitude 37.12345 N, longitude 104.45632 W).
- g. Raw and corrected data files shall be held for a period of three (3) years.
- h. Measurements shall be made by a trained GPS operator familiar with the theory of GPS, the use of GPS instrumentation, and typical constraints encountered during field activities.

If Pioneer believes that there are extenuating circumstances that prevent it from obtaining as-drilled location data, then you may submit a Rule 502(b) variance request or you may request a hearing before the Commission. Note that having to return to the location to dig up the plate for the GPS measurement is not considered an extenuating circumstance. Considering that we currently have snow on the ground, I will give you until 6/30/2010 to 1) provide GPS coordinates in the required format and other supporting data (measurement date, instrument operator name and PDOP) or 2) submit a variance request with an explanation of extenuating circumstances which prevent you from complying with the as-built location requirement.

I will hold approval of Pioneer's Form 6 (Subsequent Report of Abandonment) until you respond to this request.

Thanks,

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650

Office Phone: (970) 625-2497 Ext. 1
Cell Phone: (970) 456-5262
Fax: (970) 625-5682
E-mail: David.Andrews@state.co.us
Website: <http://www.colorado.gov/cogcc>

TIAGA MTN 6-14-1-103
05-103-0898Z

15 SX @ SURF.
25 SX @ 267'
9 5/8" CSG @ 360'

ASSUMPTION MADE THAT
TOC MADE IT UP INTO 7" + 9 5/8"
ANNULUS BASED ON PRESSURE
TEST TO 1000 PSI FOR 10 MIN.

TOC ???

75 SX
BTM @ 3800'
TAG TOP
@ 3336'

7" CSG @ 3714'

4 1/2" CSG CUT OFF @ 3750'
PROD. CSG TOC @ 3946'

MANCOS PERFS 4945' - 4985'

CICR @ 5135'
BELOW PERFS !!!
20 SX BELOW
10 SX ABOVE

4 1/2" CSG @ 5228'

