

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
COC1633

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8910169810

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		8. Well Name and No. FEDERAL P-23-3
2. Name of Operator UTAH GAS OP LTD		9. API Well No. 05-103-08347-00-S1
3a. Address 1125 ESCALANTE DRIVE RANGELY, CO 81648		10. Field and Pool or Exploratory Area CATHEDRAL
3b. Phone No. (include area code) Ph: 970-697-1550		11. County or Parish, State RIO BLANCO COUNTY, CO
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T3S R101W SESE 1227FSL 4498FWL		

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 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 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.

PROPOSED PLUG AND ABANDONMENT PLAN IS ATTACHED.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #436093 verified by the BLM Well Information System For UTAH GAS OP LTD, sent to the Meeker Committed to AFMSS for processing by RENETA KAWCAK on 09/20/2018 (18RK0301SE)	
Name (Printed/Typed) ROB BLEIL	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 09/19/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

<u>Approved By</u> LAUREN P. BROWN	Title ASSISTANT FIELD MANAGER	Date 10/03/2018
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 Meeker

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #436093

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	COC1633	COC1633
Agreement:		8910169810 (COC47603G)
Operator:	UTAH GAS CORP 1125 ESCALANTE DRIVE RANGELY, CO 81648 Ph: 970-675-4400	UTAH GAS OP LTD 1125 ESCALANTE DRIVE RANGELY, CO 81648 Ph: 970.675.4400
Admin Contact:	TILDA EVANS REGULATORY ADMINISTRATOR E-Mail: TEVANS@TELESTO-INC.COM Ph: 970-697-1550	TILDA EVANS REGULATORY ADMINISTRATOR E-Mail: TEVANS@TELESTO-INC.COM Ph: 970-697-1550
Tech Contact:	ROB BLEIL REGULATORY SPECIALIST E-Mail: RBLEIL@UTAHGASCORP.COM Ph: 970-675-4400	ROB BLEIL REGULATORY SPECIALIST E-Mail: RBLEIL@UTAHGASCORP.COM Ph: 970-675-4400
Location:		
State:	CO	CO
County:	RIO BLANCO	RIO BLANCO
Field/Pool:	DRAGON TRAIL	CATHEDRAL
Well/Facility:	CATHEDRAL FEDERAL P 23-3-101-S	FEDERAL P-23-3 Sec 23 T3S R101W SESE 1227FSL 4498FWL

NOI: Plug and Abandon	Operator: UTAH GAS OP LTD	
Well: Federal 23-3	Location: Sixth Principal Meridian, Colorado T. 3 S., R. 101 W., sec. 23, SE1/4SE1/4	County: Rio Blanco

1. The operator will provide the BLM a Sundry Notice within 60 days of final plugging operations detailing the operator's plans for reclamation of the Federal 23-3 well pad in accordance with Onshore Order 1 and the Northwest District's Reclamation Plan Template. If a complete reclamation plan was submitted as part of the Application for Permit to Drill, the operator will reference this plan on this sundry notice.
2. The Operator will provide a sundry notice a minimum of 48 hours prior to any Construction and/or reclamation work on the Federal 23-3 well pad.
3. In accordance with the BLM's Gold Book the operator must complete final abandonment of pipelines and flow lines, this abandonment must be detailed in the operator's plans for reclamation and approved by the authorized officer. This plan will involve flushing, collecting, and properly disposing of any fluids remaining in the lines. All surface lines and any lines that are buried close to the surface that may become exposed in the foreseeable future due to water or wind erosion, soil movement, or anticipated subsequent use, must be removed. Deeply buried lines may remain in place unless otherwise directed by the authorized officer.
4. In accordance with Onshore Order No. 1, all earth work for final reclamation must be completed within 6 months of well plugging (weather permitting), extensions to this time frame must be approved by the authorized officer via sundry notice detailing the nature and timeframes necessary to complete earth work. The pad, access road, and all disturbed areas associated with this well must be reclaimed to a satisfactorily vegetated, safe, and stable condition.
5. In accordance with Onshore Order No. 2, all casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The Operator must cover the well bore with a metal plate at least 1/4 inch thick and welded in place as specified by the authorized officer. The well location and identity will be permanently inscribed with operator, well name, number, API, and location. A weep hole must be left if a metal plate is welded in place.
6. No new excavation below the existing graded area of the well pad soil surface (i.e., below existing well pad level) is authorized for the construction of any new pit in association with plugging operations for washout or other operations. If the operator wishes to excavate a new pit or other excavation in association with this proposal an additional sundry showing the location, dimensions, and proposed use must be submitted on a separate sundry notice for approval of the Authorized Officer.
7. As a reasonable and prudent lessees/operator and/or right-of-way holder in the oil and gas industry, acting in good faith, all lessees/operators and right-of-way holders will provide for the

immediate clean-up and testing of air, water (surface and/or ground) and soils contaminated by the emission or release of any substance that may pose a risk of harm to human health or the environment, regardless of that substance's status as exempt or non-exempt. Where the lessee/operator or right-of-way holder fails, refuses or neglects to provide for the immediate clean-up and testing of air, water (surface and/or ground) and soils contaminated by the emission or release of any quantity of a substance that poses a risk of harm to human health or the environment, the BLM WRFO may take measures to clean-up and test air, water (surface and/or ground) and soils at the lessee/operator's expense. Such action will not relieve the lessee/operator of any liability or responsibility.

8. As a reasonable and prudent lessee/operator in the oil and gas industry, acting in good faith, all lessees/operators and right-of-way holders will report all emissions or releases that may pose a risk of harm to human health or the environment, regardless of a substance's status as exempt or nonexempt and regardless of fault, to the BLM WRFO (970) 878-3800.
9. The operator is responsible for informing all persons who are associated with the project that they will be subject to prosecution for knowingly disturbing archaeological sites or for collecting artifacts.
10. If any archaeological materials are discovered as a result of operations under this authorization, activity in the vicinity of the discovery will cease, and the BLM WRFO Archaeologist will be notified immediately. Work may not resume at that location until approved by the AO. The operator will make every effort to protect the site from further impacts including looting, erosion, or other human or natural damage until BLM determines a treatment approach, and the treatment is completed. Unless previously determined in treatment plans or agreements, BLM will evaluate the cultural resources and, in consultation with the State Historic Preservation Office (SHPO), select the appropriate mitigation option within 48 hours of the discovery. The operator, under guidance of the BLM, will implement the mitigation in a timely manner. The process will be fully documented in reports, site forms, maps, drawings, and photographs. The BLM will forward documentation to the SHPO for review and concurrence.
11. Pursuant to 43 CFR 10.4(g), the operator must notify the AO, by telephone and written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony. Further, pursuant to 43 CFR 10.4(c) and (d), operator must stop activities in the vicinity of the discovery and protect it for 30 days or until notified to proceed by the AO.
12. The operator is responsible for informing all persons who are associated with the project operations that they will be subject to prosecution for disturbing or collecting vertebrate or other scientifically-important fossils, collecting large amounts of petrified wood (over 25lbs./day, up to 250lbs./year), or collecting fossils for commercial purposes on public lands.
13. If any paleontological resources are discovered as a result of operations under this authorization, the operator or any of his agents must stop work immediately at that site, immediately contact the BLM Paleontology Coordinator, and make every effort to protect the site from further impacts,

including looting, erosion, or other human or natural damage. Work may not resume at that location until approved by the AO. The BLM or designated paleontologist will evaluate the discovery and take action to protect or remove the resource within 10 working days. Within 10 days, the operator will be allowed to continue construction through the site, or will be given the choice of either (a) following the Paleontology Coordinator's instructions for stabilizing the fossil resource in place and avoiding further disturbance to the fossil resource, or (b) following the Paleontology Coordinator's instructions for mitigating impacts to the fossil resource prior to continuing construction through the project area.

CONDITIONS OF APPROVAL FOR PERMANENT WELL ABANDONMENT

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO ENSURE COMPLIANCE**

Failure to comply with the following conditions of approval may result in a Notice of Incident of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. All plugging and abandonment operations shall be conducted per OO#2.III.G. and 43 CFR 3160.
2. Approval for this operation must also be obtained from the Colorado Oil and Gas Conservation Commission.
3. This office should be notified sufficiently in advance, 48 hour minimum of actual plugging work, so that a representative may have an opportunity to witness the operation. Primary point of contact should be Supervisory PET Bud Thompson (contact info included below).
4. Upon completion of approved plugging, all casing shall be cut-off at least 4 feet below final restored ground level and attach the regulation marker plate (**4-inch pipe above ground will not be allowed**) in accordance with 43 CFR 3162.6 and OO#2.III.G.10. The top of the marker must be closed or capped and have a weep hole. Pits must be fenced unless approved otherwise by the authorized officer.
5. The following minimum information shall be permanently placed on the marker with a plate, cap, or beaded-on by welding:
 - a. Operator Name
 - b. Federal Lease Serial Number
 - c. Well Number
 - d. Location by ¼¼, Section, Township and Range or other Acceptable Surveyed Description.
6. Within 30 days after well bore plugging operations are completed, a Subsequent Report of Abandonment, Form 3160-5, must be filed showing the date of the abandonment operation, location of plugs, amount of cement in each plug, the amount of casing left in the hole and the **GPS coordinates for location of wellhead**.
7. Prior to abandonment reclamation work, the operator shall submit a sundry notice describing their proposed reclamation plans. The plan must be approved prior to beginning any reclamation of the well site. If the approved APD contains a reclamation plan, you can reference it in your submission. Do not conduct any well pad or access reclamation without an approved reclamation plan for the subject well.
8. If not previously filed, submit in duplicate, Well Completion or Recompletion Report and Log, Form 3160-4, well history, electric logs, and other surveys, and if taken, core analysis and water analysis. These reports must also be filed within 30 days after completion of plugging operations.
9. All trash, junk, and other waste material shall be contained in trash cages or bins to prevent scattering and shall be removed and deposited in an approved landfill.
10. Port-a-pots will be provided on the well site during operation. All human waste will be hauled offsite and disposed of properly.

11. The procedure will be modified as follows:

- Add an additional balance plug inside the 4-1/2" casing from 1140 md to 1030 md to cover the DV port at 1090 md (approximately 10 sxs).
- For the surface plug set end of tubing 50' below perms.
- All balance plugs shall be tagged with tubing to determine exact location. Contact BLM if locations of the tops are lower than planned.
- Set end of tubing a minimum of 50' below all HICs, perms for balance plugs, and casing stubs.
- All casing and annuli must be cemented 50' to surface at a minimum.

Per Onshore Order #2, G9. Mud.

*Each of the intervals between plugs shall be filled with mud of sufficient density to exert hydrostatic pressure exceeding the greatest formation pressure encountered while drilling such interval. In the absence of other information at the time plugging is approved, a **minimum mud weight of 9 pounds per gallon** shall be specified.*

12. This approved procedure is based upon the assumption that wellbore conditions are as presented in the Notice of Intent. If unexpected wellbore conditions occur, this procedure may require modification to meet our regulations. This will be done on a case-by-case basis with consultations with the BLM and your personnel.

The Bureau of Land Management, White River Field Office address is:
 220 E. Market St.
 Meeker, CO 81641
 (970) 878-3800

CONTACTS:

Petroleum Engineer:

Kenneth Rennick	Work Phone	(970) 878-3846	krennick@blm.gov
	Cell Phone	(720) 418-1516	

Supervisory Petroleum Engineering Technician:

Bud Thompson	Work Phone	(970) 878-3828	blthomps@blm.gov
	Cell Phone	(970) 942-7040	

Petroleum Engineering Technicians:

Justin Wilson	Work Phone	(970) 878-3825	jrwilson@blm.gov
	Cell Phone	(970) 942-7041	
Joe Beck	Work Phone	(970) 878-3826	jabeck@blm.gov
	Cell Phone	(970) 942-7042	
Erika Miller	Work Phone	(970) 878-3808	emiller@blm.gov
	Cell Phone	(970) 942-8279	



Utah Gas Corp
1125 Escalante Drive
Rangeley,, CO 81648

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Cathedral Federal P-23-
3S-101W
API:05-103-08347, Rig #06

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
01:00 PM	02:30 PM	U	Broke Rig steering, shut down and repair.
02:30 PM	03:30 PM	P	Rhode rig to location
03:30 PM	04:00 PM	P	HSM, JSA, Spot in rig and equipment
04:00 PM	05:00 PM	P	RUSU
05:00 PM	05:30 PM	P	Drain Pump Truck and equipment Secure location.
05:30 PM	07:00 PM	P	Travel to Grand Junction

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Stuart, Sam	7.00	75 - Crew PU
Driver:	Begaye, Brent	7.00	
Operator:	Christensen, Joshua	7.00	18 - Crew PU
Derrick:	Sandoval, Michael	7.00	
Floor Hand:	Begaii, Larry	7.00	
Floor Hand:	Castellon, Romeo	7.00	

On Site Reps:

Name	Association	Notes
norm Schwalm	Co. Rep.	None

Equipment:

DH - F - Utility Trailer R-6



Utah Gas Corp
1125 Escalante Drive
Rangeley,, CO 81648

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Cathedral Federal P-23-
3S-101W
API:05-103-08347, Rig #06

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	07:00 AM	P	Travel to location
07:00 AM	07:30 AM	P	HSM, JSA, service rig and equipment. Check WH pressures, 4 1/2" SICP 0 psi, 2 3/8" SITP 0 psi, SIBHP 0 psi.
07:30 AM	08:30 AM	P	MU blow down lines and open well. Remove hinderlight flange strip on BOP and function test.
08:30 AM	09:30 AM	P	TOOH and Tally 7 STDS. TIH with 7 STDS, PU 91 TBG JTS tag CIBP at 3299', LD 1 JT with EOT at 3296'.
09:30 AM	11:00 AM	P	Wait on Frac tank and water.
11:00 AM	12:00 PM	P	RU PUMP to TBG established Circulation out CSG valve with 15 BBLs water circulate clean with total of 60 BBLs. Shut in CSG attempt to pressure test CSG, established rate at 2 BPM at 200 psi no test. (Note : BH blowing while pumping)
12:00 PM	02:00 PM	P	Wait on water. Load hole with 9 BBLs water.
02:00 PM	02:30 PM	P	Plug #1 (Mancos B perforations and Top) Mix and Pump 16 sxs, 1.15 yield, 18.4 cuft, 15.8#, "G" cement, From 3299' to 3094'.
02:30 PM	03:00 PM	P	LD 10 TBG JTS to 3028' TOO H with 48 STDS.
03:00 PM	05:00 PM	P	MU 4 1/2" tension PKR. TIH and attempt CSG tests. Unable to get test from 2838' down and 278' UP Rates from 1151' down at 1 BPM at 300 psi. Rates from 962' to surface 1/2 BBL a minute at 500 psi. TOO H and LD PKR.
05:00 PM	05:30 PM	P	TIH with TBG and tag plug #1 TOC at 3075' LD 1 JT to 3063'. RU pump to TBG established circulation out CSG with 8 BBLs water.
05:30 PM	06:00 PM	P	Plug #2 (CSG holes) Mix and Pump 55 sxs, 1.15 yield, 63.25 cuft, 15.8#, "G" cement from 3063' to 2358'.
06:00 PM	07:00 PM	P	LD 23 TBG JTS to 2314', TOO H with 37 STDS. Secure well and Location SDFN
07:00 PM	09:00 PM	P	Travel to Grand Junction.

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Job	Comment
Plug #1	(Mancos B perforations and Top) Mix and Pump 16 sxs, 1.15 yield, 18.4 cuft, 15.8#, "G" cement, From 3299' to 3094'.
Plug #2	(CSG holes) Mix and Pump 55 sxs, 1.15 yield, 63.25 cuft, 15.8#, "G" cement from 3063' to 2358'.

Crew:

Worked on Thursday, 10/25/2018

Title	Name	Hours	Vehicle
Supervisor:	Stuart, Sam	16.00	75 - Crew PU
Driver:	Begaye, Brent	16.00	
Operator:	Christensen, Joshua	16.00	18 - Crew PU
Derrick:	Sandoval, Michael	16.00	
Floor Hand:	Begaii, Larry	16.00	
Floor Hand:	Castellon, Romeo	16.00	

On Site Reps:

Name	Association	Notes
Erica Miller	BLM	on Location
Norm Schwalm	Co. Rep.	None

Equipment:

DH - F - Utility Trailer R-6



Utah Gas Corp
1125 Escalante Drive
Rangeley,, CO 81648

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Cathedral Federal P-23-
3S-101W
API:05-103-08347, Rig #06

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	07:00 AM	P	Travel to location
07:00 AM	07:30 AM	P	HSM, JSA, Service rig and equipment. Check WH pressure 0 psi on well. Open to pit.
07:30 AM	08:30 AM	P	TIH Tag Plug #2 TOC at 2703'. LD 2 JTS with EOT at 2639'. RU pump to TBG Established circulation out CSG valve with 14 BBLs water.
08:30 AM	09:00 AM	P	Plug #3 (CSG Holes) Mix and pump 55sxs, 1.15 yield, 63.25 cuft, 15.7#, "G" cement with 2 % calcium, From 2639' to1934'. (Note: BLM wants all holes covered as per Erica Miller with BLM 10-26-18 at 8:30 AM.)
09:00 AM	09:30 AM	P	LD 22 TBG JTS to 1940' TOO H with 20 STDs with EOT at 553'. Shut in Well
09:30 AM	01:00 PM	P	WOC
01:00 PM	02:00 PM	P	TIH with TBG tag plug #3 at 2128' LD to 2062'. RU pump to TBG established circulation out CSG with 13 BBLs water. (Erica Miller with BLM okayed pulling up to 2062' and pump plug.)
02:00 PM	02:30 PM	P	Plug #4 (CSG Holes) Mix and Pump 55 sxs, 1.15 yield, 63.25 cuft, 15.8#, "G" cement with 2% calcium. From 2062' to 1357'.
02:30 PM	03:00 PM	P	LD 22 TBG JTS to 1357' TOO H with 22 STDS. Drain PT and Equipment secure well and Location SDFN.
03:00 PM	05:00 PM	P	Travel to Grand Junction.

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Job	Comment
Plug #3	(CSG Holes) Mix and pump 55sxs, 1.15 yield, 63.25 cuft, 15.7#, "G" cement with 2 % calcium, From 2639' to1934'.
Plug #4	(CSG Holes) Mix and Pump 55 sxs, 1.15 yield, 63.25 cuft, 15.8#, "G" cement with 2% calcium. From 2062' to 1357'.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Stuart, Sam	12.00	75 - Crew PU
Driver:	Begaye, Brent	12.00	
Operator:	Christensen, Joshua	12.00	18 - Crew PU
Derrick:	Sandoval, Michael	12.00	
Floor Hand:	Begaii, Larry	12.00	
Floor Hand:	Castellon, Romeo	12.00	

On Site Reps:

Name	Association	Notes
Erica Miller	BLM	On Location

Equipment:

DH - F - Utility Trailer R-6



Utah Gas Corp
1125 Escalante Drive
Rangeley,, CO 81648

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Cathedral Federal P-23-3S-101W
API:05-103-08347, Rig #06

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	07:00 AM	P	Travel to location
07:00 AM	07:30 AM	P	HSM, JSA, Service rig and equipment. Check WH pressure 0 psi on well.
07:30 AM	08:00 AM	P	TIH with TBG Tag plug #4 TOC at 1539' LD 2 TBG JTS with EOT at 1464'. RU pump to TBG established circulation out CSG valve with 8 BBLs water.
08:00 AM	08:30 AM	P	Plug #5 (CSG Holes and COA #1 DV Tool) Mix and Pump 55 sxs 1.15 yield, 63.25 cuft, 15.8#, "G" cement from 1474' to 759'.
08:30 AM	09:00 AM	P	LD TBG to 803' TOO H with 13 STDS and plugging sub.
09:00 AM	12:30 PM	P	WOC (Josh and Brent to Vernal in 261 and 143 to fill with cement.)
12:30 PM	01:00 PM	P	MU Plugging Sub TIH and tag plug #5 TOC at 742, LD 2 TBG JTS with EOT at 678' (Okayed with Erica Miller with BLM to spot 33 sxs.) RU pump to TBG established circulation out CSG valve.
01:00 PM	01:30 PM	P	Plug #6 (CSG Holes) Mix and Pump 33 sxs, 1.15 yield, 37.95 cuft, 15.8#, "G" cement from 678' to 255'.
01:30 PM	02:00 PM	P	LD TBG to 247' circulated well clean with 8 BBLs water TOO H with 4 STDS.
02:00 PM	02:30 PM	P	Drain PT and Equipment secure well and Location. Shut down for days off.
02:30 PM	09:00 PM	P	Travel to Farmington NM

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Job	Comment
Plug #5	(CSG Holes and COA #1 DV Tool) Mix and Pump 55 sxs 1.15 yield, 63.25 cuft, 15.8#, "G" cement from 1474' to 759'.
Plug #6	(CSG Holes) Mix and Pump 33 sxs, 1.15 yield, 37.95 cuft, 15.8#, "G" cement from 678' to 255'.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Stuart, Sam	16.00	75 - Crew PU
Operator:	Begaye, Brent	16.00	
Operator:	Christensen, Joshua	16.00	18 - Crew PU
Derrick:	Sandoval, Michael	16.00	
Floor Hand:	Begaii, Larry	16.00	
Floor Hand:	Castellon, Romeo	16.00	

On Site Reps:

Name	Association	Notes
Erica Miller	BLM	on location
Norm Schwalm	Co. Rep.	None

Equipment:

DH - F - Utility Trailer R-6



Utah Gas Corp
1125 Escalante Drive
Rangeley,, CO 81648

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Cathedral Federal P-23-3S-101W
API:05-103-08347, Rig #06

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	12:00 PM	P	Travel to location from Farmington NM
12:00 PM	12:30 PM	P	HSM, JSA, Service rig and equipment. Check WH pressures 0 psi on well. open well to pit.
12:30 PM	01:30 PM	P	TIH with TBG and tag TOC at 420', LD 2 TBG JTS to 370'. RU Pump to TBG established circulation out CSG valve with 3 1/2 BBLs water, shut in CSG valve attempt to pressure test 4 1/2" CSG pressure to 500 psi Bleed off to 0 psi in less then 5 seconds. Open CSG valve TOOHH with 6 STDs.
01:30 PM	02:00 PM	P	HSM, JSA The Perforators, RU WL RIH and Perf 4 - 3 1/8" HSC holes at 209' POOH with perf gun. RU pump to CSG established circulation out BH with 6 BBLs water.
02:00 PM	02:30 PM	P	TIH with 2 3/8" TBG to 370' RU pump to TBG. Established circulation out CSG and BH valves.
02:30 PM	03:00 PM	P	Plug #7 (7" CSG shoe and surface plug). Mix and Pump 67 sxs, 1.15 yield, 77.05 cuft, 15.8#, "G" cement from 370, to surface with 4 sxs good cement returned out CSG valve and 4 sxs good cement returned out BH valve to pit.
03:00 PM	03:30 PM	P	Shut in BH LD 2 3/8" TBG. RU pimp to TBG and Top off 4 1/2" CSG and BH with 20 sxs squeezed 5 sxs shut in pressure on csg at 300 psi. Bleed off pressure wash out BOP.
03:30 PM	04:00 PM	P	Drain equipment secure well and location SDFN.
04:00 PM	06:00 PM	P	Travel to Grand Junction.

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Job	Comment
Plug #7	(7" CSG shoe and surface plug). Mix and Pump 67 sxs, 1.15 yield, 77.05 cuft, 15.8#, "G" cement from 370, to surface with 4 sxs good cement returned out CSG valve and 4 sxs good cement returned out BH valve to pit.
Top off	4 1/2" CSG and BH with 20 sxs squeezed 5 sxs shut in pressure on csg at 300

psi.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Stuart, Sam	13.00	75 - Crew PU
Driver:	Begaye, Brent	13.00	
Operator:	Christensen, Joshua	13.00	18 - Crew PU
Derrick:	Sandoval, Michael	13.00	
Floor Hand:	Begaii, Larry	13.00	
Floor Hand:	Castellon, Romeo	13.00	

On Site Reps:

Name	Association	Notes
Erica Miller	BLM	On Location

Equipment:

DH - F - Utility Trailer R-6



Utah Gas Corp
1125 Escalante Drive
Rangeley,, CO 81648

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Cathedral Federal P-23-
3S-101W
API:05-103-08347, Rig #06

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	07:00 AM	P	Travel to location
07:00 AM	07:30 AM	P	HSM, JSA, Service rig and equipment. Check WH pressures. 4 1/2" CSG 0 psi, BH on vacuum. Open well to pit TIH with TBG TAG TOC at 47'. LD 2 TBG JTS.
07:30 AM	08:30 AM	P	RD TBG equipment and Rig Floor. ND BOP.
08:30 AM	09:30 AM	P	RDSU to dig out WH.
09:30 AM	10:30 AM	P	Wait on Back Hoe
10:30 AM	11:30 PM	P	Dig out WH Fill out Hot work permit and cut off WH. BH TOC at surface. put 1 1/2" Polly pipe at 47' in 4 1/2" CSG
12:00 PM	01:00 PM	P	RD pump truck clean location. MOL
11:30 PM	12:00 PM	P	Top Off Mix and Pump 10 sxs, 1.15 yield, 11.5 cuft, 15.8#, "G" cement from 47' to surface. Installed DHM

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Job	Comment
Top Off	Mix and Pump 10 sxs, 1.15 yield, 11.5 cuft, 15.8#, "G" cement from 47' to surface.
Final Report	Latitude 39.4610 long. 108.41430

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Stuart, Sam	8.00	75 - Crew PU
Driver:	Begaye, Brent	8.00	
Operator:	Christensen, Joshua	8.00	18 - Crew PU
Derrick:	Sandoval, Michael	8.00	
Floor Hand:	Begaii, Larry	8.00	
Floor Hand:	Castellon, Romeo	8.00	

On Site Reps:

Name	Association	Notes
Erica Miller	BLM	On Location

Equipment:

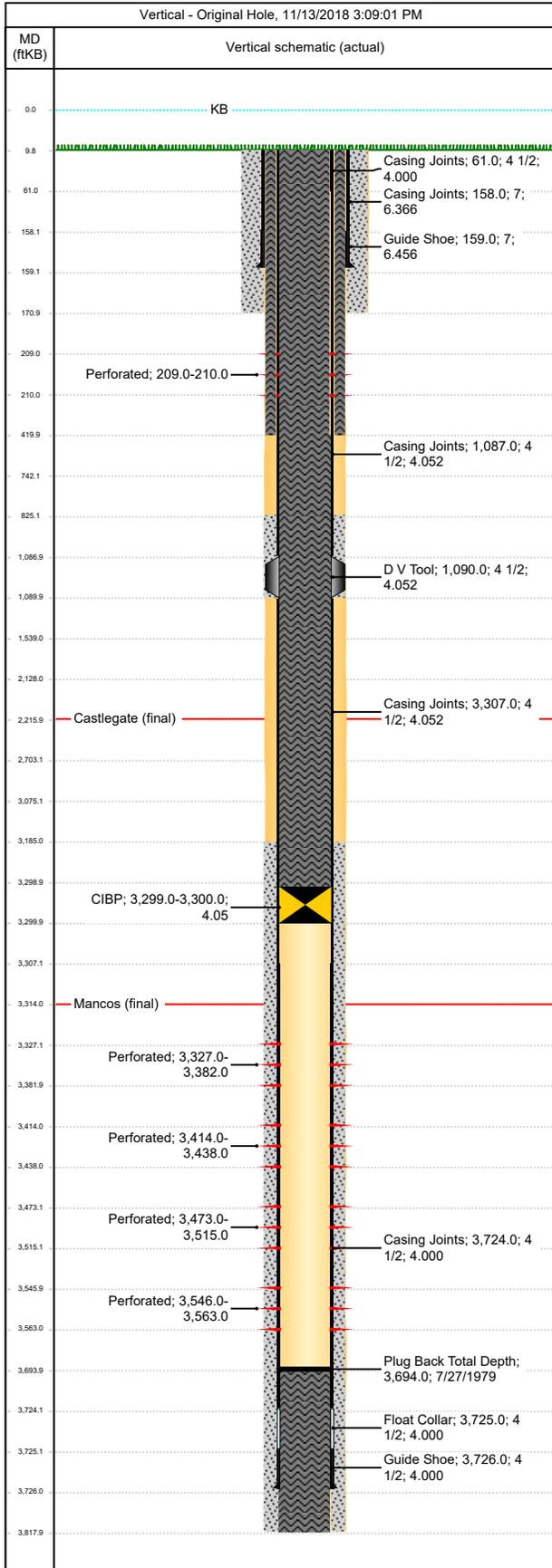
DH - F - Utility Trailer R-6



UGC - Downhole Well Profile

Well Name: CATHEDRAL FEDERAL P-23-3S-101W

API/UWI 05103083470000	Surface Legal Location SESE-S23-T3S-R101W-6PM	Field Name Cathedral	License #	State/Province CO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,983	KB-Tubing Head Distance (ft) 10	Spud Date 7/23/1979 00:00	Rig Release Date 7/28/1973 00:00	PBDT (All) (ftKB) Original Hole - 3,694.0	Total Depth All (TVD) (ftKB) Original Hole - 3,818.0



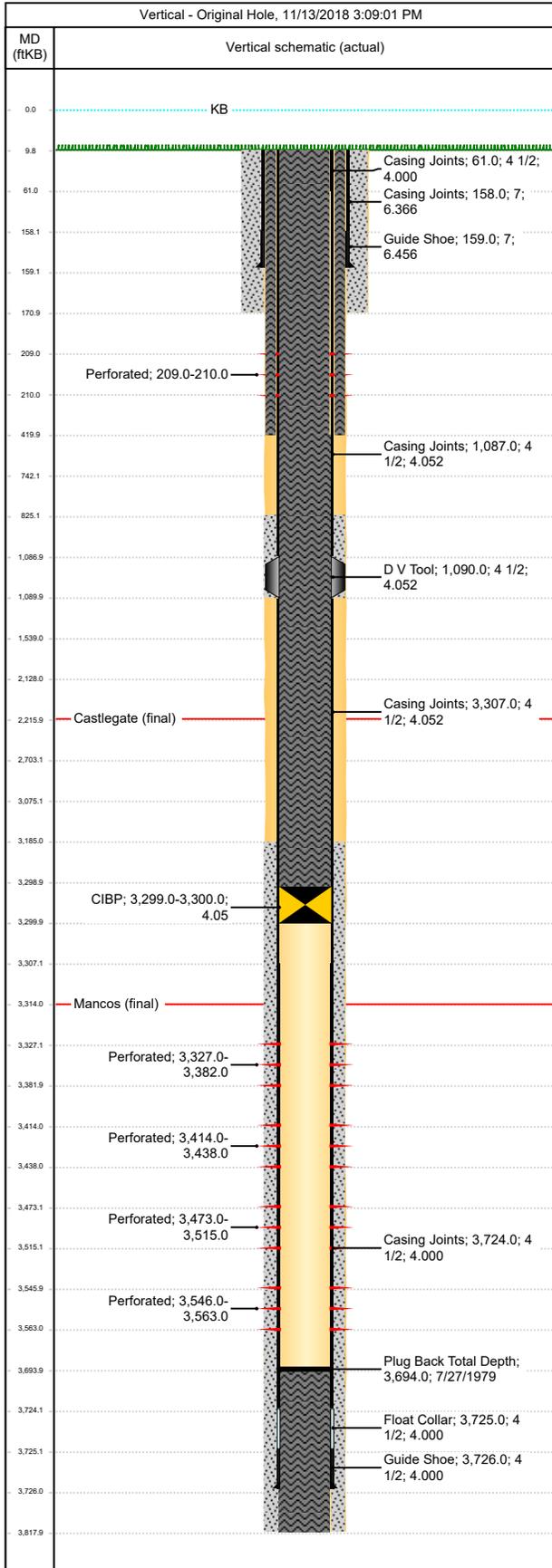
Casing Strings						
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Set Depth (ftKB)	
Surface	7	23.00	K-55		159.0	
Casing Components						
Item Description	Length (ft)	ID (in)	Joints	Drift (in)	P Collapse (psi)	P Burst (psi)
Casing Joints	148	6.366	1	6.241	3270	4360
Guide Shoe	1	6.456	1			
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Set Depth (ftKB)	
Production	4 1/2	10.50			3,726.0	
Casing Components						
Item Description	Length (ft)	ID (in)	Joints	Drift (in)	P Collapse (psi)	P Burst (psi)
Casing Joints	51	4.000	2	3.875	4960	5350
Casing Joints	1026	4.052	32	3.927	4010	4790
D V Tool	3	4.052	1			
Casing Joints	2217	4.052	69	3.875	4960	5350
Casing Joints	417	4.000	2	3.875	4960	5350
Float Collar	1	4.000	1			
Guide Shoe	1	4.000	1			
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Linked Zone	
11/1/2018	209	210	4.0	4		
8/9/1979	3327	3382	0.2	12	Mancos, Original Hole	
8/9/1979	3414	3438	0.2	4	Mancos, Original Hole	
8/9/1979	3473	3515	0.1	6	Mancos, Original Hole	
8/9/1979	3546	3563	0.2	4	Mancos, Original Hole	
Tubing Strings						
Tubing Description	Run Date	String Length (ft)			Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	P Burst (psi)
Rod Strings						
Rod Des	Run Date	Len (ft)	Set Depth (ftKB)	Comment		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Com
Other In Hole						
Description	OD (in)	Top (ftKB)	Run Date	Pull Date	Comment	
CIBP	4.052	3299	8/2/2018			
Cement Stages						
Stg #	Description	Top (ftKB)	Btm (ftKB)	Comment		
1	Surface Casing Cement	10	171	Lead - 100 sacks of thixotropic "H" cement with 3% CaCl ₂ , 12% cal-seal and 1/4 # flo-seal/sack.		
				Tail - 10 sacks class "H" cement.		
1	Cement Plug	3694	3818			
1	Production Casing Cement	3185	3818	55 sxs 50-50 poz-mix w/ 2% gel, 1/4 # flo-cele.		
2	Production Casing Cement	825	1090	45 sxs 50-50 poz-mix.		
1	Cement Plug	3075	3299	Mix and Pump 16 sxs, 1.15 yield, 18.4 cuft, 15.8#, "G" cement		
1	Cement Plug	2703	3075	Mix and Pump 55 sxs, 1.15 yield, 63.25 cuft, 15.8#, "G" cement		



UGC - Downhole Well Profile

Well Name: CATHEDRAL FEDERAL P-23-3S-101W

API/UWI 05103083470000	Surface Legal Location SESE-S23-T3S-R101W-6PM	Field Name Cathedral	License #	State/Province CO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,983	KB-Tubing Head Distance (ft) 10	Spud Date 7/23/1979 00:00	Rig Release Date 7/28/1973 00:00	PBTD (All) (ftKB) Original Hole - 3,694.0	Total Depth All (TVD) (ftKB) Original Hole - 3,818.0



Cement Stages				
Stg #	Description	Top (ftKB)	Btm (ftKB)	Comment
1	Cement Plug	2128	2703	Mix and pump 55sxs, 1.15 yield, 63.25 cuft, 15.7#, "G" cement with 2 % calcium
1	Cement Plug 4	1539	2128	Mix and Pump 55 sxs, 1.15 yield, 63.25 cuft, 15.8#, "G" cement with 2% calcium
1	Cement Plug 5	742	1539	Mix and Pump 55 sxs 1.15 yield, 63.25 cuft, 15.8#, "G" cement
1	Cement Plug 6	420	742	Mix and Pump 33 sxs, 1.15 yield, 37.95 cuft, 15.8#, "G" cement
1	Cement Plug 7	10	420	Mix and Pump 67 sxs, 1.15 yield, 77.05 cuft, 15.8#, "G" cement

Field Ticket

DLD Pipe Recovery Services, LLC
 1758 M Road
 Fruita, CO 81521

Date
 8/2/2018

Invoice #
 2319

Bill To
 Utah Oil and Gas

API Number:
 05-103-08347

Company Representative
 Kent Hejl

Well Information				
Well Name:	Section:	Township:	Range:	County: State:
Cathedral Fed P-23				Rio Blanco, CO

Quantity	Description	U/M	Rate	Amount
1	Set-up Service Charge	ea	185 - 500.00	500.00
1	4 1/2" Standard (CIBP) Bridge Plug Service Charge, Set @ 3300'	ea	225 - 1,650.00	1,650.00

Cathedral Fed P-23-3
 AFE 18W033
 Code 8100 - 185
 - 225

 Kent Hejl

Customer Signature: State of Colorado Explosives Permit Benjamin Resz 1-077-11017 Total \$2,150.00

Ben Resz

