



OGMCOAL DNR &lt;ogmcoal@utah.gov&gt;

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## Fwd: FW: Abandonment Reports

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**Steve Christensen** <stevechristensen@utah.gov>  
To: OGMCOAL DNR <ogmcoal@utah.gov>

Wed, Dec 6, 2017 at 4:15 PM

fyi- Horse Canyon well plugging informaiton.

----- Forwarded message -----

From: **Madsen, Karin** <kmadsen@coalsource.com>

Date: Tue, Dec 5, 2017 at 8:35 AM

Subject: FW: Abandonment Reports

To: "Hibbs, David" <dhibbs@coalsource.com>, "Arati (aumarvadia@utah.gov)" <aumarvadia@utah.gov>, "Denise Dragoo (ddragoo@swlaw.com)" <ddragoo@swlaw.com>, "Steve Christensen <stevechristensen@utah.gov> (stevechristensen@utah.gov)" <stevechristensen@utah.gov>, "Daron Haddock <daronhaddock@utah.gov> (daronhaddock@utah.gov)" <daronhaddock@utah.gov>, "marcstilson@utah.gov" <marcstilson@utah.gov>, "mglasson@blm.gov" <mglasson@blm.gov>, "Steve\_Falk@blm.gov" <Steve\_Falk@blm.gov>, "steve\_rigby@blm.gov" <steve\_rigby@blm.gov>, "Justin Eatchel (jeatchel@utah.gov)" <jeatchel@utah.gov>

Please see the attached Reports for the sealing of IPA #3 above Lila Canyon Mine.

Regards,

*\*Karin Odendahl-Madsen\**

*Environmental Engineering Technician*

*UtahAmerican Energy Inc.*

435-888-4026

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Steve Christensen  
Utah Division of Oil, Gas and Mining  
1594 W North Temple, Suite 1210  
Salt Lake City, Utah 84116  
(801) 538-5350  
stevechristensen@utah.gov

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**2 attachments**

**Division of Water Rights Abandonment Reprot 11-28-17.pdf**

12/7/2017

State of Utah Mail - Fwd: FW: Abandonment Reports

 206K

 **DOGM final Well Abandonment Report 11-28-17.pdf**  
223K

# WELL ABANDONMENT REPORT

## State of Utah

### Division of Water Rights

**Well Identification**

Non-Production Well: 9391004M00

WIN: 5051

**Owner**

*Note any changes*

Intermountain Power Agency  
P.O. Box 111, Room 1107  
Los Angeles, CA 90051

Contact Person/Engineer: \_\_\_\_\_

**Well Location**

*Note any changes*

S 300 E 1550 from the NW corner of section 25, Township 16S, Range 14E, SL B&M

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

**Existing Well Details**

Is a Well Driller's Report Available?  Yes  No

Well Depth 1100 feet Well Diameter 2 3/8" inches

Nature of Use:  Dom.  Irr.  Stock  Industrial  Commercial  Municipal  Monitor  Other \_\_\_\_\_

Casing Type:  Steel  Stainless Steel  PVC  Fiberglass  ABS  SR  Other \_\_\_\_\_

Openings:  Screen  Perforations  Open Pipe Screen/Perforation Interval \_\_\_\_\_

Filter Pack?  Yes  No Depth of Surface Seal 1085' feet

Static Water Level \_\_\_\_\_ feet Flowing Well?  Yes  No

Other Details (if known) \_\_\_\_\_

**Abandonment Details**

Date of Abandonment 11-6-2017

Reason for Abandonment No longer used.

Method of Abandonment (Include a description of the seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information).

Welded on coupler to top of casing & pumped from top down until cement pressurized up.

DEPTH (feet)		ABANDONMENT MATERIAL DETAILS		
FROM	TO	ABANDONMENT MATERIAL USED	Quantity of Material Used (e.g., cubic yards, lbs)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	1100'	Neat Portland Cement	245 gal slurry	15.4 /gal

Location of a new well (if present) is \_\_\_\_\_ ft north/south and \_\_\_\_\_ ft east/west from the abandoned well.

**Well Driller Statement**

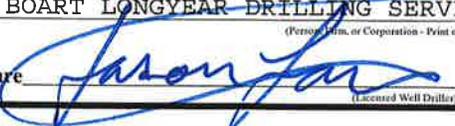
This well was abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name BOART LONGYEAR DRILLING SERVICES

(Person, Firm, or Corporation - Print or Type)

License No. 799

Signature \_\_\_\_\_



(Licensed Well Driller)

Date 11-28-2017

3.3 IPA-3A

Location

N 393,724 E 2,335,785 (feet)  
 Section 25 T 16 S R 14 E (SLBM)  
 Emery County, Utah  
 Ground Elevation: 6,810 feet above mean sea level  
 Top-of-Casing Elev. 6,812.52 feet above mean sea level  
 Total Depth Drilled: 1,268 feet below ground level

Formation Tops

Stratigraphic Unit	Depth Below Ground Level (feet)	Elevation (feet above mean sea level)
Flagstaff-North Horn Formation	at surface (incomplete section)	
Bluecastle Member, Price River Formation	200	6,610
Mudstone Member, Price River Formation	472	6,338
Castlegate Sandstone	715	6,095
Upper Mudstone Member, Blackhawk Formation	888	5,922
Grassy Member, Blackhawk Formation	995	5,815
Sunnyside Coal Seam	1,046	5,764
Sunnyside Member, Blackhawk Formation	1,054	5,756

COPY

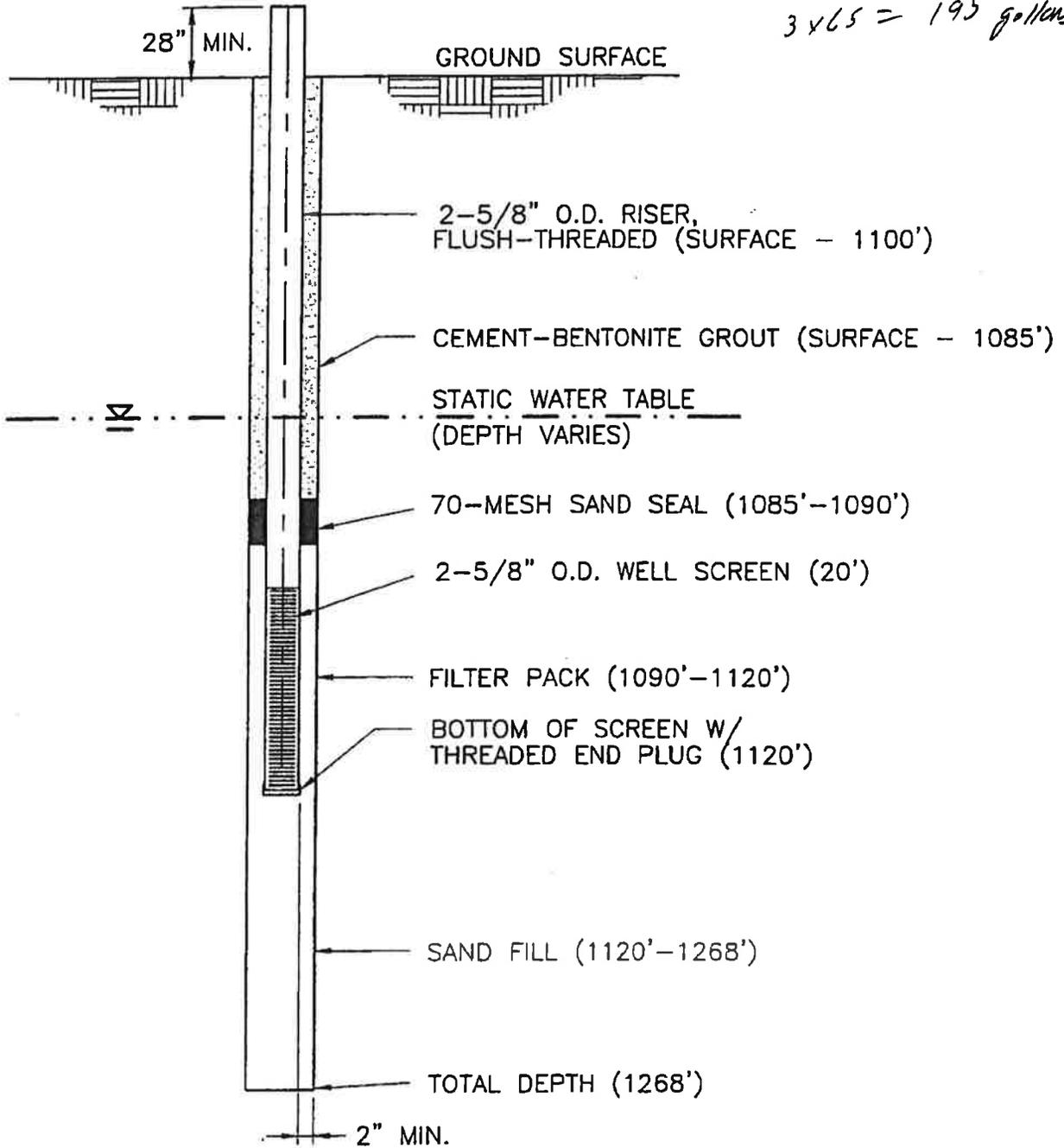
H<sub>2</sub>O Elevation 3/09/03 839.04

water column 1120

- 839

$\frac{281 \text{ Feet}}{2} = 65 \text{ Gallons}$

$3 \times 65 = 195 \text{ gallons}$



N.T.S.

FIGURE 3. IPA-3A COMPLETION DIAGRAM



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Monitor Well</u>		8. WELL NAME and NUMBER: <b>IPA #3 Borehole</b>
2. NAME OF OPERATOR: <b>Genwal Resources, Inc.</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: P.O Box 910                      CITY <u>East Carbon</u> STATE <u>UT</u> ZIP <u>84520</u>		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>N 393,724 E 2,335,785 feet</b>		COUNTY: <b>Emery</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>25 16S 14E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:  <u>11/5/2017</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Filled monitor well with neat cement. Pumped cement with a fitting attached to the top of the well and filled entire pipe with neat cement. Pumped 245 gal. of neat cement with a slurry weight of 15.4 lb/gal

NAME (PLEASE PRINT) <u>Jason Lynch</u>	TITLE <u>Commercial Manage Well License holder</u>
SIGNATURE	DATE <u>11-28-2017</u>

(This space for State use only)

## INSTRUCTIONS

**This form shall be submitted by the operator to show the intention and/or completion of the following:**

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
  - minor deepening of an existing well bore,
  - plugging back a well,
  - recompleting to a different producing formation within an existing well bore (intent only),
  - reperforating the current producing formation,
  - drilling a sidetrack to repair a well,
  - reporting monthly the status of each drilling well.

**This form is not to be used for proposals to**

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

**Use Form 3, Application for Permit to Drill (APD) for such proposals.**

**NOTICE OF INTENT** - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

**SUBSEQUENT REPORT** - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

**WELL ABANDONMENT** - Proposals to abandon a well and subsequent reports of abandonment 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, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

- completing or plugging a new well,
- reentering a previously plugged and abandoned well,
- significantly deepening an existing well bore below the current bottom-hole depth,
- drilling horizontal laterals from an existing well bore,
- drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,
- recompleting to a different producing formation.

Send to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

3.3 IPA-3A

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COPY

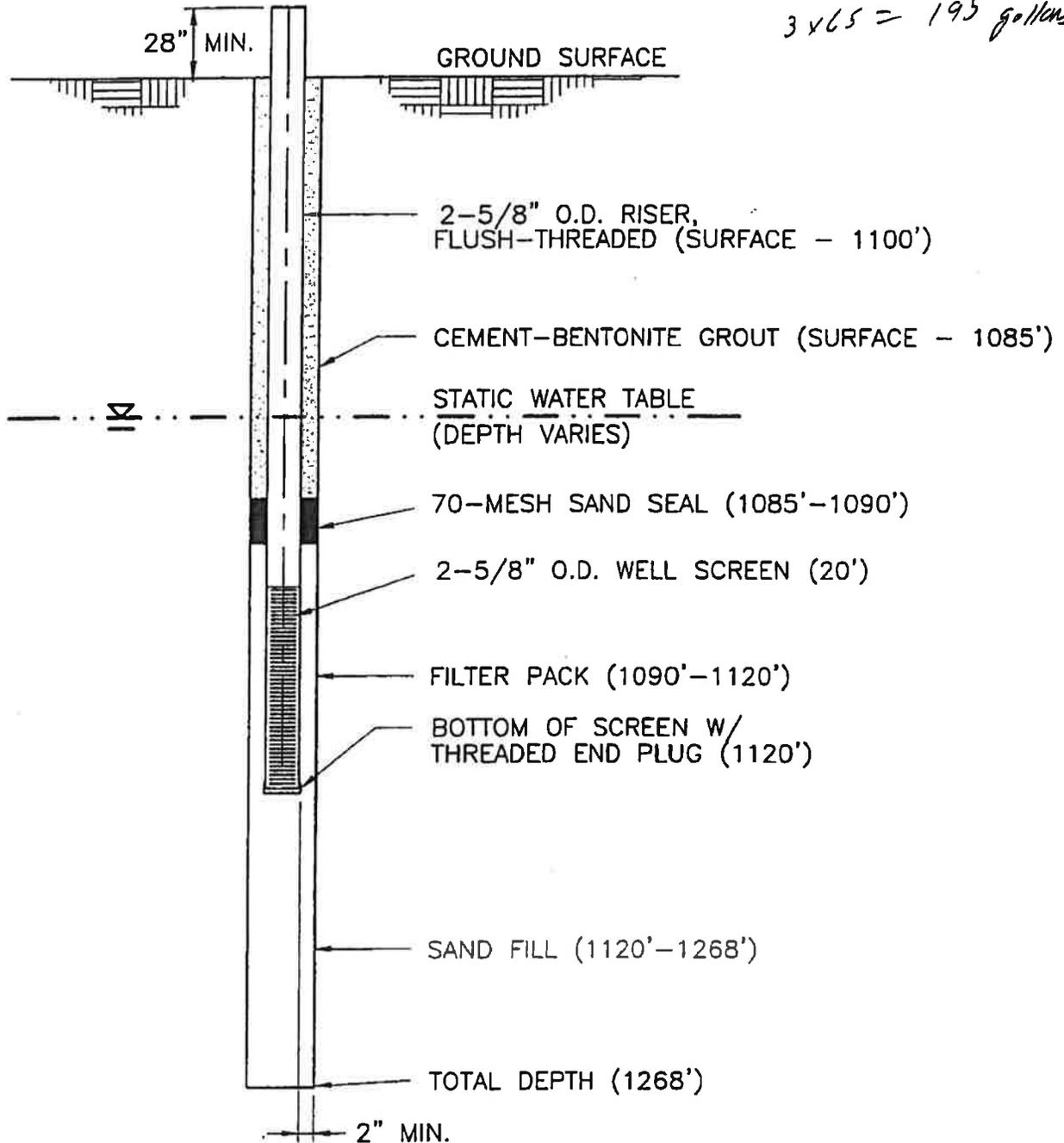
H<sub>2</sub>O Elevation 3/29/03 839.04

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