

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 15 2010

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit M (SWSW), 790' FSL & 1110' FWL, Section 34, T31N, R8W, NMPM
790

5. Lease Number
SF-079037

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hale 5

9. API Well No.
30-045-23123

10. Field and Pool
Basin Dakota

11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging
☐ Casing Repair
☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached procedure and current & proposed wellbore schematic.



H₂S POTENTIAL EXIST

RCVD FEB 21 '11
OIL CONS. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Signed Cristal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 11/11/10

(This space for Federal or State Office use)

APPROVED BY [Signature] Title SE

Date NOV 17 2010

CONDITION OF APPROVAL, if any:

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

OPERATOR

Requested new plat.

[Signature]

ConocoPhillips

HALE 5

Expense - P&A

Lat 36° 50' 57.264" N

Long 107° 40' 1.488" W

PROCEDURE

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig. MIRU work over rig. Check casing and bradenhead pressures and record them in Wellview.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary.
4. ND wellhead and NU BOPE. Tag for fill, adding additional joints as needed (tubing currently landed @ 7765.8', PBTD @ 7796'). Record fill depth in Wellview.
5. Plug #1 (Dakota perforations and top 7556' - 7456'): RIH and set 4-1/2" CIBP at 7556'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. *If casing does not test, then spot and tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement and spot above CIBP to isolate the Dakota perforations and top. PUH.
6636 6536
6. Plug #2 (Gallup top: 6757' - 6657'): Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top. PUH.
3953' 3853'
7. Plug #3 (Mesaverde top: 5980' - 4980'): Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH.
8. Plug #4 (7" casing shoe and liner top: 3523' - 3289'): Mix 33 sxs Class B cement and spot a balanced plug inside casing to cover 7" casing shoe and liner top. PUH.
2814
9. Plug #5 (Pictured Cliffs and Fruitland tops: 3241' - 2864'): Mix 81 sxs Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. PUH.
2198 1906
10. Plug #6 (Kirtland and Ojo Alamo tops: 2202' - 2089'): Mix 21 sxs Class B cement and spot a balanced plug inside casing to Kirtland and Ojo Alamo tops. TOH and LD tubing.
713 623
10. Plug #7 (Nacimiento top: 573' - 473'): Perforate 3 squeeze holes at 573'. RIH and set CR at 523'. Establish rate into squeeze holes. Mix 55 sxs Class B cement, squeeze 26 sxs outside the casing and leave 29 sxs inside casing to cover Nacimiento top. TOH and LD tubing.
723 673
11. Plug #8 (9-5/8" casing shoe to surface: 279' - surface): Perforate 3 squeeze holes at 279'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 99 sxs Class B cement and pump down the 7" casing to circulate good cement out bradenhead. Shut in well and WOC.
12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

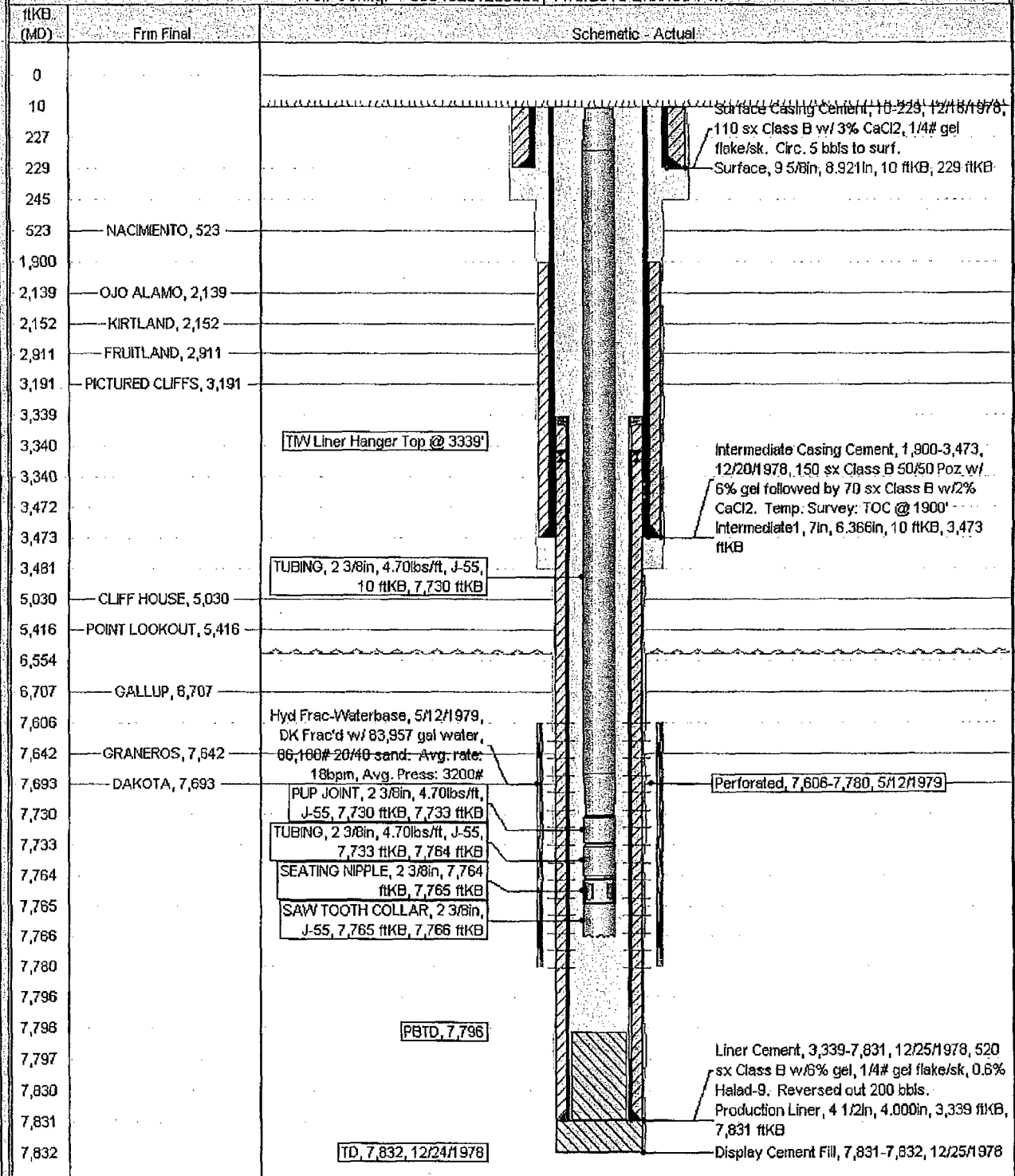
Current Schematic

ConocoPhillips

Well Name: HALE #5

API/UVI	Service Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004523123	NMPM 034-031N-008VV	HALE #5		NEW MEXICO		
Ground Elevation (ft)	Original I/O/T Elevation (ft)	KB-Gravimetric Distance (ft)	KB-Casing Bridge Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,308.00	6,318.00	10.00	10.00	10.00		

Well Config: 30045231230000, 11/3/2010 2:09:55 PM



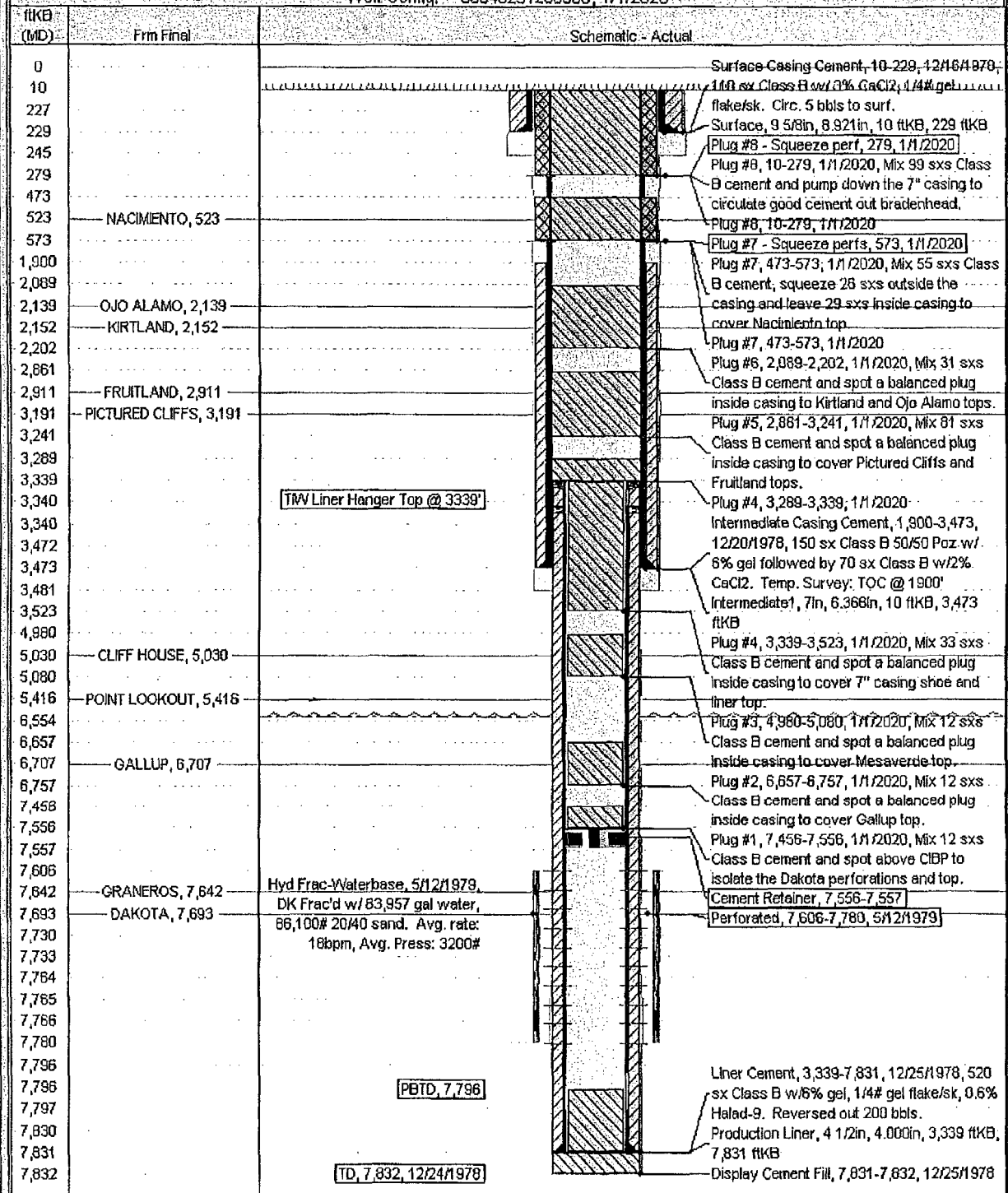
Proposed Schematic

ConocoPhillips

Well Name: HALE #5

API#	Surface Legal Location	Field Name	License No.	State/Province	Well Completion Type	Edit
3004523123	NMMPM 034-031N-006VV	WASHBURN (PRODUCED GAS)		NEW MEXICO		
Gravid Elevation (ft)	Original Gravid Elevation (ft)	Gravid Depth (ft)	Gravid Depth (ft)	Gravid Depth (ft)	Gravid Depth (ft)	
6,308.00	6,318.00	10.00	10.00	10.00	10.00	

Well Config: - 30045231230000, 1/1/2020



BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). **Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.**

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.
3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.
4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

% Slopes	Spacing Interval
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All water bars should divert to the downhill side of the road.

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required).
6. Notify Surfacing Managing Agency seven (7) days prior to seeding so that they may be present for that option.
7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 5 Hale

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

- a) Place the Gallup plug from 6636' – 6536'.
- b) Place the Mesaverde plug from 3953' – 3853'.
- c) Place the Pictured Cliffs/Fruitland plug from 3241' – 2814'.
- d) Place the Kirtland/Ojo Alamo plug from 2198' – 1906'.
- e) Place the Nacimiento plug from 723' – 623' inside and outside the 7" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densimeter/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously run or cement circulated to surface during the original casing cementing job or subsequent cementing jobs.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H_2S .

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 1235 La Plata Highway, Suite A, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.