

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Central Resources, Inc.

3. Address and Telephone No.  
P.O. Box 1247, Bloomfield, New Mexico 87413 (505) 632-3476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
330' FSL, 1900' FEL, Sec. 14, T31N, R17W

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  
TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

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

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Procedure:

Central Resources, Inc. will plug the well during 1999 as follows:

- Clear hole of all reasonably recoverable production equipment.
- Set retainer at 1534' and pump 12 sx cement below retainer and spot 18<sup>29</sup> sx cement on top. *bring plug top to 1212'*
- Perforate at 127'. 204'
- Break circulation out bradenhead and pump 55 sx cement to circulate 1 bbl and leave casing and annulus full.
- Set marker and reclaim location.

Appropriate notifications will be made in advance of plugging operations.

ENTERED  
AFMSS

JUN 18 1999

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

BY Smm

6-16-99 ad

6/18/99 smm

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

Signed Rodney L. Seale Title District Manager Date June 7, 1999

(This space for Federal or State office use)

Approved by [Signature] Title Tenacious Date 6/21/99

Conditions of approval, if any:

Approved by: [Signature] US EPA Region 9 1/24/04

Title 18 U.S.C. Section 1001, makes 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 manner within its jurisdiction.

\*See Instruction on Reverse Side

FARMINGTON COPY

P2A on date

API WELL # Well Name Well # Operator Name Type Stat County UL Sec Twp N/S Rng W/E Feet NS Ft EW Order\_No  
30-045-10703 HORSESHOE GALLUP UNIT 079 PLAYA MINERALS & ENERGY INC I A San Juan O 14 31 N 17 W 330 S 1900 E  
R-2210  
api\_number status csg\_1 csg\_1q csg\_1d csg\_2 csg\_2q csg\_2d csg\_3 csg\_3q csg\_3d  
liner\_size liner\_quan tubing t\_set\_dept csg\_perf 30-045-10703 WI 8 5/8 77 50 4 1/2  
1677 110 1584-1604

Procedure

MIRU, NUBOPE,

POOH Lay Down Rods & Tubing if present,

RIH with Gauge ring,

Pick up work string, Run Scraper if required,

RIH Set CIBP 1534 ', cap with 322 'cement .

Test casing.

POOH lay down tubing.

RU wire line RIH, perforate @ 204 ' + - 50' under surface casing shoe or Mesa Verde base whichever is lower..

Establish Circulation; circulate cement to surface inside and outside casing

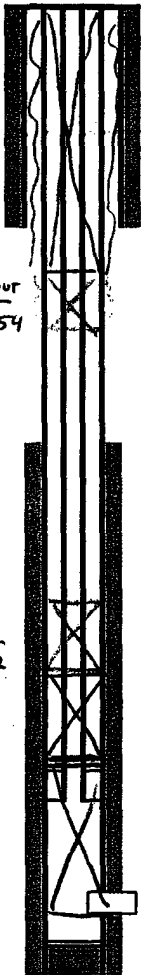
Cut off well head and install P&A marker

Cut off anchors 2' below ground

Clean and level location

# CENTRAL RESOURCES, INC.

## HORSESHOE GALLUP #79



Elevation: 5948' GL, 5957' KB

$$\frac{204}{10.96(1.18)} + \frac{127}{7.2433(1.18)} + \frac{77}{9.046(1.18)}$$

$$16 + 15 + 16 = 47 \text{ sxs}$$

Casing: 8 5/8" 24# J-55 set @ 77' w/50 sacks

plug 204 - surface

plug 1534-1212  $(322 + 50) / 10.96(1.18) = 29 \text{ sxs}$

Retainer @ 1534 Squeeze w/ 12 sxs

Packer: Type Unknown, set @ 1560' KB (6/2/93)

Perfs: 1584' - 1604', 2 SPF

PBTD: 1630'

Casing: 4 1/2" 9.5# J-55 set @ 1677' w/110 sacks

TD: 1697'

Location: 330' FSL & 1900' FEL  
Sec. 14 T31N-R17W  
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1584' - 1604' (2 SPF)

Spud Date: 12/16/62

Completion Date: 3/24/63

Completed As Injector

Tom DeLong  
6-3-99

## 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 conform 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:

<b>% Slopes</b>	<b>Spacing Interval</b>
Less than 2%	200'
2 to 5%	150'
6 to 9 %	100'
10 to 15%	50'
Greater than 15%	30"

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

5. All disturbed areas will be seeded between July 1 and September 15 with the prescribed certified seed mix (reseeding may be required).

6. Notify Surfacing Managing Agency seven (7) days prior to seeding so 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: 79 Horseshoe Gallup Unit

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. Mike Flanikan with the 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) Bring the top of the Gallup plug to 1212'.
  - b) Set surface plug from 204' to surface inside and outside the ~~4~~ 1/2" casing to cover the Point Lookout.

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

**GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON DISTRICT 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 Farmington District office, *Branch of Drilling & Production*.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured.

3.0 A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations and all unattended 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 constituent(s) of concern.

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.

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: (1) tagging with the work string, or: (2) for cased holes only; pressuring to a minimum surface pressure of 500 PSI, with no more than a 10% drop during a 15-minute period.

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.

# BLM FLUID MINERALS Geologic Report

Date Completed: 6/18/99

Well No.	Horseshoe Gallup Unit # 79	Location	330'	FSL &	1900'	FEL
Lease No.	14 - 20 - 603 - 2022	Sec. 14		T31N		R17W
Operator	Central Resources, Inc.	County	San Juan	State	New Mexico	
Total Depth	1697'	PBTD	1630'	Formation	Gallup (w/w)	
Elevation (GL)	5948'	Elevation (KB)	5958'			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					
Nacimiento Fm					
Ojo Alamo Ss					
Kirtland Shale					
Fruitland Fm					
Pictured Cliffs Ss					
Lewis Shale					
Chacra					
Cliff House Ss					
Menefee Fm					
Point Lookout Ss		154	Surface		Surface/Potential fresh or useable water sands
Mancos Shale	154			1262	
Gallup			1262	PBTD	Oil & Gas/Water
Dakota Ss					
Morrison					

**Remarks:**

P & A - No log above 400'. Used HGU #75 well to estimate Mancos fm. top.

- BLM geologist's pick for the top of the Gallup fm. reflects the top of the transitional Tocito interval in this well. This top varies from operator's pick in this well.

- It is recommended that the Gallup top in this report be adequately covered with cmt.

- In addition, it is recommended that the surface plug be extended downward to cover the top of the Mancos fm. This will isolate and protect potential fresh or useable water sands in the Point Lookout fm.

**Reference Well:**

Same

NOTE: This well falls within the Uranium screening area. Called D. Sitzler (Solid Minerals - Rio Puerco FO) 6/17/99. No conflicts exist and no additional stipulations are required for this well.

**ENTERED  
AFMSS**

**JUN 18 1999**

BY CEH

Prepared by: Chip Harraden *CEH*