Form 3160-5
(June 1990)

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RECEIVED
BLM
99 JUN 14 PM 2:23
070 FARMINGTON, NM

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

5. Lease Designation and Serial No.: 14-20-603-2022
6. If Indian, Allottee or Tribe Name: Navajo
7. If Unit or CA. Agreement Designation: Horseshoe Gallup Unit

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other WIW
8. Well Name and No.: HGU #80
2. Name of Operator: Central Resources, Inc.
9. API Well No.: 30-045-10719
3. Address and Telephone No.: P.O. Box 1247, Bloomfield, New Mexico 87413 (505) 632-3476
10. Field and Pool, or Exploratory Area: Horseshoe Gallup Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 674' FSL, 679' FEL, Sec. 14, T31N, R17W
11. County or Parish, State: San Juan County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[X] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
	[ ] Plugging Back	[ ] Non-Routine Fracturing
[ ] Subsequent Report	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
[ ] Final Abandonment Notice	[ ] Other _____	[ ] 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:

a. Clear hole of all reasonably recoverable production equipment.
b. Set retainer at 1421' and pump 12 sx cement below retainer and spot 31 sx cement on top. bring top of plug to 1206'
c. Perforate at ~~184'~~ 188
d. Break circulation out bradenhead and pump 55 sx cement to circulate 1 bbl and leave casing and annulus full.
e. Set marker and reclaim location.

Appropriate notifications will be made in advance of plugging operations.

ENTERED
AFMSS
JUN 21 1999
BY Sm

SEE ATTACHED FOR CONDITIONS OF APPROVAL

6-16-99 sd

6/21/99 Sm

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

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

Rodney L. Seale

(This space for Federal or State office use)

Approved by Duncan Ap Title Team Lead Date 6/22/99

Conditions of approval, if any:

Approved by: James A. Walker US EPA Region 9 1/22/04

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

P&A on file

API WELL # Well Name Well # Operator Name Type Stat County UL Sec Twp N/S Rng W/E Feet NS Ft EW Order_No

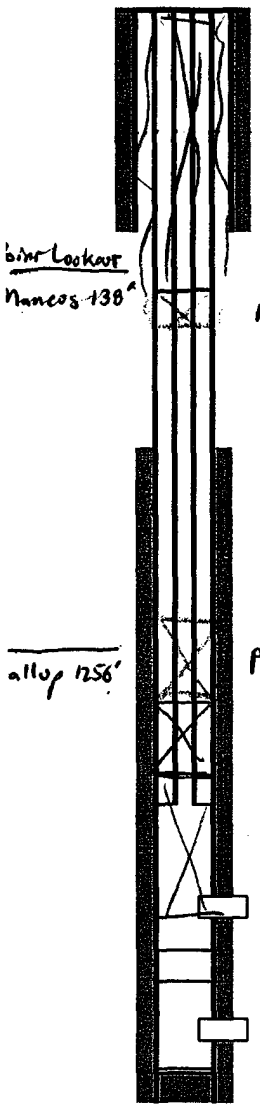
30-045-10719 HORSESHOE GALLUP UNIT 080 PLAYA MINERALS & ENERGY INC I A San Juan P 14 31 N 17 W 674 S 679 E R-2210

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 30-045-10719 WI 8 5/8 114 100 5 1/2 1660 100 2 1578-1606

Procedure
MIRU, NUBOPE,
POOH Lay Down Rods & Tubing if present,
RIH with Gauge ring,
Pick up work string, Run Scrapper if required,
RIH Set CIBP 1421 ', cap with 215 'cement .
Test casing.
POOH lay down tubing.
RU wire line RIH, perforate @ 188 ' + - 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 #80



Elevation: 5905' GL, 5916' KB

$\frac{188}{7.299(1.18)} + \frac{79}{5.7719(1.18)} + \frac{114}{5.389(1.18)}$

$22 + 11 + 18 = 51$ sxs

Casing: 8 5/8" 29# LW set @ 114' w/100 sacks

Point Lookout
Mancos 138'

plug 188 - Surface plug with 55 sxs

TOC ≃ -1145 75% eff.

Gallup 1256'

plug 1421' - 1206' (215+50)/7.299(1.18) = 31 sxs

Retainer @ 1421' squeeze w/ 125 sxs

Packer: Baker Model A set @ 1458' KB (6/1/93)

Perfs: 1471' - 1497', 4 SPF

Perfs: 1578' - 1606', 2 SPF

PBTD: 1619'

Casing: 5 1/2" 14# J-55 set @ 1660' w/100 sacks

TD: 1660'

Location: 624' FSL & 679' FEL
Sec. 14 T31N-R17W
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1471' - 1497' (4 SPF) & 1578' - 1606' (2 SPF)

Spud Date: 6/23/59

Completion Date: 7/14/59

Converted to Injector: 3/22/63

Tom DeLong
6-3-99

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: 80 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 1206'.

b) Place the surface plug from 188' to surface inside and outside the 5 1/2" casing to cover the base of the Point Lookout.

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

(August 1996 Rev)

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 # 80		Location	674'	FSL	&	679'	FEL
Lease No.	14 - 20 - 603 - 2022		Sec. 14		T31N			R17W
Operator	Central Resources, Inc.		County	San Juan		State	New Mexico	
Total Depth	1660'	PBTD 1619'	Formation	Gallup (WIW)				
Elevation (GL)	5905'		Elevation (KB)	5918'				

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			Surface	138	Surface/Potential fresh or useable water sands
Mancos Shale			138	1256	
Gallup			1256	PBTD	Oil & Gas/Water
Dakota Ss					
Morrison					

Remarks:
P & A

- 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 reommended 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