

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 WATER SOURCE WELL

2. Name of Operator
VULCAN MINERALS & ENERGY dba REGENT MINERALS (281) 931-3800

3. Address and Telephone No.
650 N. SAM HOUSTON PKWY E., SUITE 500, HOUSTON, TX 77060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1110' FSL, 1345' FWL
SECTION 33, T-31N, R-16W

5. Lease Designation and Serial No.
14-20-604-1951

6. If Indian, Allottee or Tribe Name
UTE

7. If Unit or CA, Agreement Designation
HORSESHOE GALLUP UNIT

8. Well Name and No.
HGU #5 WSW

9. API Well No.
30-045-10114

10. Field and Pool, or Exploratory Area
HORSESHOE GALLUP UNIT

11. County or Parish, State
SAN JUAN, NEW MEXICO

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

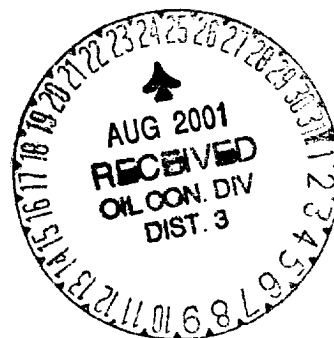
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> 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 details, and give 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.)*

VULCAN MINERALS PLUGGED AND ABANDONED THE ABOVE WELL AS PER PROCEDURES APPROVED ON 8-1-2000.

SEE ATTACHED REPORT FOR DETAILED INFORMATION.



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

Signed Richard Pomrenke Title P&A SUPERVISOR Date 8-16-2001

(This space for Federal or State office use)

Approved by _____ Title _____ Date 08-16-2001
Conditions of approval, if any:



Key Energy Services, Inc.

Four Corners Division
5651 US Highway 64
P.O. Box 900
Farmington, NM 87499

Phone: 505-327-4935
Fax: 505-327-4962

**P&A OPERATION
CEMENT SERVICE REPORT**

WELL NAME: HORSE SHOE GALLUP UNIT #5 WSW

TOTAL PLUGS SET: 4

DATE STARTED: 08-10-01

TOTAL SACKS USED: 428 SX

DATE COMPLETED: 08-16-01

BLM WITNESS: T. GALESPIY
OPERATOR WITNESS: N. WOODS

MOL AND SPOT RIG AND PLUGGING EQUIPMENT. RU RIG. ND WELLHEAD AND NU BOP, TESTED BOP. PU SCRAPER AND ATTEMPT TO RIH BUT STACKED OUT AT 18'. WORK TUBING, NOT ENOUGH WEIGHT TO WORK DOWN. BLM APPROVED CHANGE IN PROCEDURES.

PLUG #1 (LOWER PERFORATIONS, 2800' - 3146'), PU AND STRP IN HOLE WITH 2 3/8" WORK STRING, OPEN-ENDED. CIRCULATED HOLE AND BALANCED 102 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 2072'.

PLUG #2 (MID PERFORATIONS, 1545' - 2072'), BALANCED 154 SX CL. B CEMENT PLUG INSIDE CASING. POH AND WOC. RIH AND TAGGED TOC AT 1526'. POH. LOADED HOLE WITH WATER AND PRESSURE TESTED CASING TO 500 PSI AND HELD GOOD FOR 15 MINUTES.

PLUG #3 (669' - 984'), RU WIRELINE AND PERFORATED SQUEEZE HOLES AT 945'. POH. ATTEMPTED TO BREAK DOWN PERFORATIONS BUT PRESSURED UP TO 600 PSI WITH SLOW LEAK OFF. **BLM APPROVED CHANGE IN PROCEDURES.** RIH OPEN ENDED WITH WORK STRING TO 984'. BALANCED 100 SX CL. B CEMENT PLUG INSIDE CASING. POH. LOADED HOLE AND SQUEEZED 7 SX CEMENT INSIDE PERFORATIONS TO 600 PSI AND HELD FOR 5 MINUTES.

PLUG #4 (0' - 201'), RIH AND PERFORATED SQUEEZE HOLES AT 201'. ATTEMPTED TO BREAK DOWN PERFORATIONS WITH WATER BUT PRESSURED UP TO 1000 PSI AND HELD. **BLM APPROVED CHANGE IN PROCEDURES.** MIXED 72 SX CL. B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE. POH. RD FLOOR AND BOP. DUG CELLARE AND CUT OFF WELLHEAD. RD RIG AND MOL.

NATHAN E. CRAWFORD.
P&A SUPERVISOR