give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

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Artesia, NM **EOSNY/O**PROVED

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

5. Lease Designation and Serial No.

LC-064637

SUNDRY NOTICES AND REPORTS ON WELLS I 100 AM 194	6. If Indian, Allottee or Tribe Name
m for proposals to drill or to deepen or reentry to a different reservoir	

Do not use this for Use "APPLICATION FOR PERMIT—" for such properties ROE

	AKTA Heading and Che	
SUBMIT IN TRI	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil Gas Well Well Other	RECEIVED	8. Well Name and No.
<ol> <li>Name of Operator         Merit Energy Company</li> <li>Address and Telephone No.         P. O. Drawer NN, Jal, NM 88252 phone</li> </ol>		Henshaw Deep Unit #6  9. API Well No. 30-015-10226  10. Field and Pool, or Exploratory Area Henshaw Wolfcamp  11. County or Parish, State Eddy, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 23 T-16S R-30E 1980' FSL and 660' FEL	ARTESIA, OFFICE	
TYPE OF SUBMISSION	ORT, OR OTHER DATA	
X 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
13. Describe Proposed or Completed Operations (Clearly state all pertinent of	details, and give pertinent dates, including estimated date of starti	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form) ing any proposed work. If well is directionally deille

Current Perfs 8697'-8714' PBTD 8770' Set 4 1/2" CIBP @ 8650' dump bail 20' Cement. Displace hole with 9 lb mud to 3005' Cut 4 1/2" casing @ 3055'. Pump 100' cement which will cover 50' below and 50' above EOC @ 3055'. Displace hole to 510'. Pump 100' of cement which will cover 50' below and above EOC at 510'. Displace hole to 50' of surface with 9 lb mud. Pump 50' surface cement in one 4" dryhole marker so that it is 4' above ground level. Haul off all production equipment, cut off anchors 18" below surface level. Backfill and clean location.

4. I hereby certify that the fo				
Signed All ou	Lucas of	Tide Regulatory	Manager	Date 6-7-94
(This space for Federal or	State office use)	nrTBALE	IIM ENGINEER	
Conditions of approval, if	and compliance	coment on top of altached.	CIBP, tugp	Date 10/28/94 lugs @ 3055-1-\$510;
Title 18 U.S.C. Section 1001,			or agency of the United States	any false. Setisions on fraudulant statement

## BUREAU OF LAND MANAGEMENT CARLSBAD RESOURCE AREA

## Permanent Abandonment of Wells on Federal Lands

## Conditions of Approval

- 1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.
- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544; for wells in Lea County call (505) 393-3612.
- 3. <u>Blowout Preventers:</u> A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement:</u> Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

- 6. <u>Dry Hole Marker:</u> All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show <u>date</u> well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.