

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO 1004-0135  
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

S

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1 Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		WATER INJECTION	
2 Name of Operator MERIT ENERGY COMPANY		8 Well Name and No TURNER "B" #67	
3a Address 13727 NOEL RD., SUITE 500, DALLAS, TEXAS 75240		9 API Well No 30-015-05300-00-S1	
3b Phone No (include area code) (972) 628-1467		10 Field and Pool, or Exploratory Area GARYBURG-JACKSON Q-G-SA	
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1,650' FSL & 660' FWL SEC. 20, T-17S, R-31E		11 County or Parish, State EDDY COUNTY NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

COMPLY WITH ALL COMPANY & GOVERNMENT ENVIRONMENT & SAFETY REGULATIONS. ANYONE ON JOB LOCATION HAS THE AUTHORITY TO SHUT DOWN UNSAFE WORK.

- 1) CLEAR LOCATION - MIRU; KILL WELL BY CIRC. 10# BRINE; NO WELLHEAD & NO POOP'S; POOH W/ TBG. & PKR.
- 2) SET A 5-1/2" CIBP @ 2700'; DUMP BALL 35' OMT. ON TOP OF CIBP. CIRC. WELL W/ PXA MUD.
- 3) MIX & PUMP A 25 SX. OMT. PLUG @ 1,525'; WOC & TAG TOP OF OMT. PLUG.
- 4) PERF. & ATTEMPT TO SOZ. A 50 SX. OMT. PLUG @ 520'; WOC & TAG TOP OF OMT. PLUG.
- 5) PERF. & ATTEMPT TO SOZ. A 50 SX. OMT. PLUG @ 250'; WOC & TAG TOP OF OMT. PLUG.
- 6) MIX & PUMP A 15 SX. OMT. SURF. PLUG @ 63'-3'; DIG OMT & CUT OFF WELLHEAD 3' B.G.L.; WELD STEEL PLATE ON CASINGS & INSTALL BGS HOLE MARKER.

ACCEPTED FOR RECORD

FEB 25 2008

APPROVED

FEB 18 2008

14 I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed) DAVID A. EYLER (432) 687-3033  
Gerry Guye, Deputy Field Inspector  
NMOCD-District II ARTESIA  
AGENT  
Date 02/14/08

JAMES A. AMOS  
SUPERVISOR-EPS

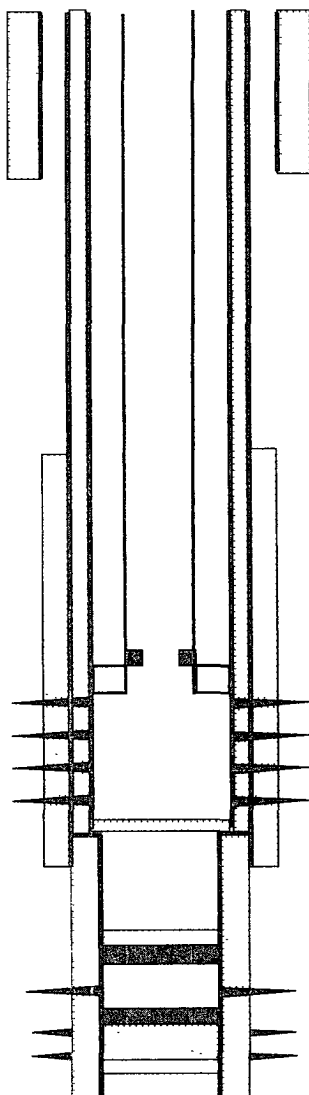
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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 matter within its jurisdiction.

# MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME TURNER "B" #67			FIELD GRAYBURG-JACKSON			
LOCATION 1650' FSL & 660' FWL, SEC 20-T17S-R31E			COUNTY EDDY COUNTY			STATE NM
ELEVATION GL=3625', KB=UNK			SPUD DATE 05/26/60		COMP DATE 07/25/60	
API# 30-015-05300		PREPARED BY C H CARLETON			DATE 09/11/98	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING	0' - 470'	13 3/8"	48#			17 1/2"
CASING	0' - 3800'	8 5/8"	24#,32#			11"
CASING	0' - 3696'	5 1/2"	15 5#	J-55	LT&C	
LINER	3697' - 7221'	4 1/2"	9 5#,11 6#	J-55		7 7/8"
TUBING	0' - 2690'	2 3/8"	4 7#	J-55	EUE 8rd	



CURRENT



PROPOSED

OPERATOR: MERIT ENERGY

13 3/8" CASING @ 470' W/525 SXS TOC @ SURFACE

## DETAIL OF PERFORATIONS

GRAYBURG: 2753', 61'

U.GRAYBURG: 2797', 2802', 06', 22', 27', 31', 35', 39', 44', 48'

M.GRAYBURG: 2852'

LOCO HILLS: 2886'

METEX: 2934', 39', 48', 61', 65'

PREMIER: 3031', 34', 39', 43', 60', 62', 79', 81', 91', 99', 3108', 17',  
3124', 30', 35', 42'

LOVINGTON: 3254', 58', 60', 62', 65', 70', 73', 76', 81', 92', 98'

M.JACKSON: 3427', 30', 33', 61', 76', 78', 86', 88', 95', 3505', 13', 18'

SEAT NIPPLE @ 2690'

BAKER J-LOK PACKER @ 2691'

PERFORATIONS 2753'- 3518'(OA) - 58 HOLES

5 1/2" CASING @ 3696' W/500 SXS TOC @ SURFACE

8 5/8" CASING @ 3800' W/900 SXS TOC @ 1010' (TEMP SURVEY)

CIBP @ 6900' AND CAPPED W/2 SXS CEMENT

PERFORATIONS 7048'- 7054'(OA) - 36 HOLES

CEMENT RETAINER @ 7080', PUMPED 125 SXS BELOW RETAINER.

PERFORATIONS 7099'- 7125'(OA) - 64 HOLES

4 1/2" LINER @ 3697'-7221' W/910 SXS

TD @ 7223' PBD @ 7168'

#### **FORMATION TOPS**

Grayburg:	2744'
U Grayburg	2795'
M.Grayburg:	2850'
Loco Hills	2884'
Metex:	2924'
L Grayburg:	2972'
Premier.	3031'
Vacuum:	3146'
Lovington.	3242'
U Jackson:	3306'
M.Jackson.	3426'
L.Jackson:	3602'

Merit Energy Company  
NMLC029395B: Turner B N. 67  
1650' FSL & 660' FWL  
Section 20, T. 17 S., R. 31 E.  
Eddy County, New Mexico

RE: Plugging and Abandonment, Conditions of Approval

Step 2, is OK as is

Step 3, Mix and pump a 25sack balanced plug at 1285' – 1185'. WOC and tag top of cement no lower than 1185'.

Step 4, Perforate @ 520', squeeze enough cement to bring the top of cement to 420' in and out of the casing. WOC and tag top of cement no lower than 420'

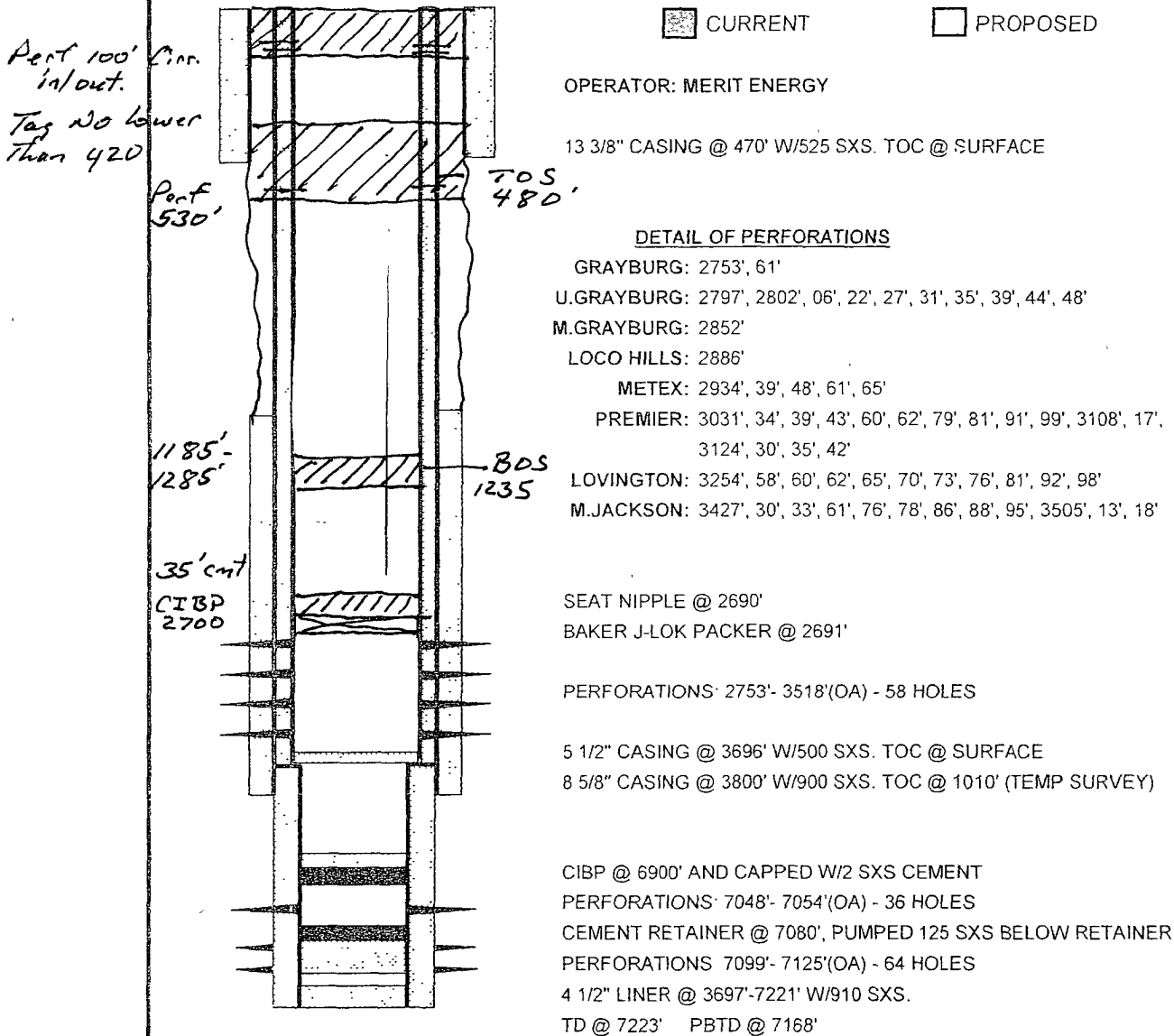
Step 5, Perforate at 100' and circulate cement to surface.

If you have any questions, please contact Jim Amos at 505-234-5909.

J. Amos, 2/20/08

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**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** 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. **Mud Requirement:** 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. **Cement Requirement:** 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 specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** 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, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** 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 date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

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