

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

MAY 12 2009

**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.**

5. Lease Serial No.  
NMLC 029395B

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Wtr. Injection

2. Name of Operator  
Merit Energy Company

3a. Address  
13727 Noel Rd. Suite 500 Dallas, Texas 75240

3b. Phone No. (include area code)  
972-628-1569

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Turner "B" #67

9. API Well No.  
30-015-05300-00-S1

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650' FSL & 660' FWL  
Sec. 20-T17S-R31E

10. Field and Pool or Exploratory Area  
Grayburg Jackson Q-G-SA

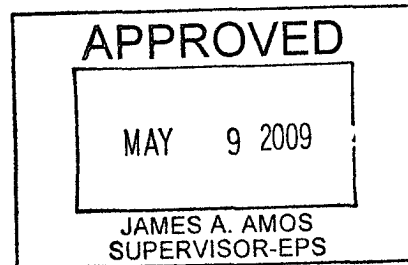
11. Country or Parish, State  
Eddy County, New Mexico

**12. CHECK THE 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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

- 1) MIRU PU.
- 2) ND WH. NU BOPE.
- 3) POOH w/tbg. & injection pkr.
- 4) RU WL. Set 5-1/2" CIBP @ 2700'. Dump bail 35' cement on top of CIBP. Circulate well w/mud.
- 5) Mix & pump a 25 sx. balanced plug 1285' - 1185'. WOC & tag TOC no lower than 1185'.
- 6) Perforate @ 520'; circulate cmt. to surface. RD WL.
- 7) ND BOPD; RD MO PU.
8. Dig out and cut off WH. Weld steel plate on csg. Install dry hole marker.



**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Lynne Moon

Title Regulatory Manager

Signature

Date 04/30/2009

**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.

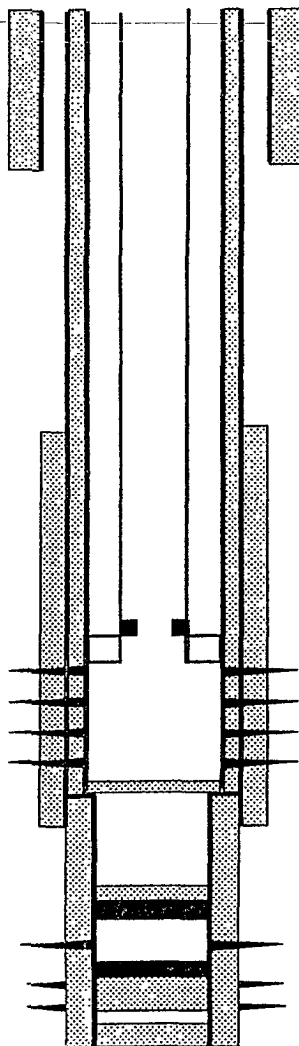
Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

# 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'    PBTD @ 7168'

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**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'