

Form 3160-5
(September 2001)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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

5. Lease Serial No.
Jicarilla Contract 237

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No.
NM78389X

8. Well Name and No.
EPCMU #40 (E-19)

9. API Well No.
30-039-22592

10. Field and Pool, or Exploratory Area
Puerto Chiquito Mancos, East

11. County or Parish, State
Rio Arriba, New Mexico

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Benson-Montin-Greer Drilling Corp.

3a. Address

4900 College Boulevard, Farmington, NM 87402

3b. Phone No. (include area code)

505-325-8874

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

1980' FNL, 660' FWL, Section 19, Township 27 North, Range 1 East

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. 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 shall 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 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 site is ready for final inspection.)

1. Perforate Mancos 3260' to 3300', 3328' to 3370', 80 holes.
2. Swab test perfs 4075' to 4186', recovered 100% water. Swab test perfs 3260' to 3370', recovered 100% water.
3. Set cement retainer at 3410', cement squeeze perfs 4075' to 4186' with 125 sacks regular cement to 1000 psi.
4. Set Uni-pkr V1 at 3187' with 98 joints 2-3/8" EUE 8rd tubing.
5. Load tubing, establish injection rate of 2.3 BPM at 200 psi. Load annulus with packer fluid, pressure test to 500 psi, waiting on MIT verification.

This is simply to specify that this is a water injection well. Original approved Sundry and EPA permit attached.

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

Name (Printed/Typed)

Mike Dimond

Title Vice-President

Signature

Date September 2, 2004

Approved by (Signature)

Name

(Printed/Typed)

Division of Multi-Resources

Title

Office

Date

SEP 2 2004

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.

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.

(Continued on next page)

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

REC'D FEB 23 2004

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☐ Oil Well ☐ Gas Well ☒ Other

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AFMSS

Adm	Comp
Engr	
Geol	
Surf	
Appvl	

04 JAN 14 PM 2:35
BLM
RECEIVED14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Steve Owen

Title Engineer

Signature

Date 1/9/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Division of Multi-Resources P.E.

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

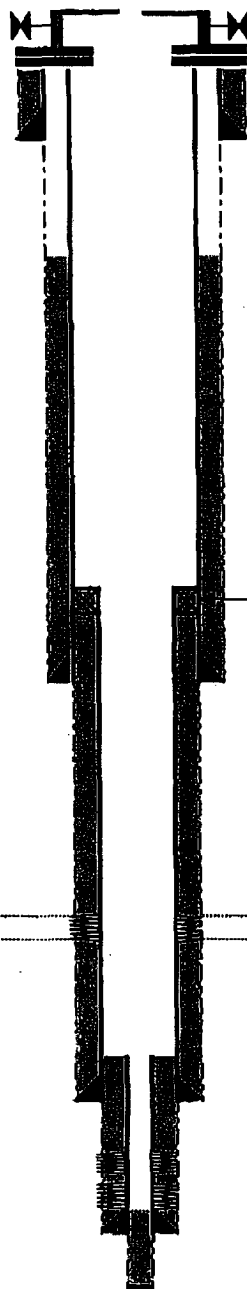
Date

2-18-04

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.

(Continued on next page)

Well File



Spud: 4/10/81

B-M-G DRILLING CORP., INC.
EPCMU #40 (E-19) API #30-039-22592
1980 FNL-660 FWL, SEC 19 T27N-R1E

15" hole, 10 3/4" 45# (H-40?) csg @ 121' w/ 120 sx cmt

GL = 7115 ft.

RKB = 7123 ft.

All depths referenced to KB unless otherwise noted

TOC est @ 800' (75% fill)

Cum. Oil:

Cum. Gas:

Cum. Water:

Logs: Induction-Gamma Ray, Temperature Survey, Induction-Electrical

TTW type THL liner hanger @ 2210'

8 3/4" hole to 2553', 7" 23# K-55 csg @ 2553' w/ 300 sx cmt

surfaced 20 bbls oil while running and cementing 4 1/2" liner

Niobrara "A" & "B" 3260-3370
 Perf 3260-3300, 3328-3370, 80 holes total
 acidized w/ 1500 gal 15% HCL

TOC 3541'

6 1/4" hole to 3621', 4 1/2" 10.5# K-55 liner @ 3620' (top @ 2210) w/ 160 sx cmt

Perf 4075'-4125'

acidized w/ 3000 gal 15% HCL, AIP-1200#, AIR-1.5 BPM

Perf 4152-4186

3 7/8" hole to 4297', 3 1/2" 7.7# J-55 liner @ 4297' (top @ 3541) w/ 25 sx cmt

PBTD 4200'

2 7/8" hole to TD 4346' HFW in open hole, swbd-unable to lower fluid level

sdo 10/18/03

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

AUG 30 2004

REPLY TO: 6WQ

Certified Mail #7000 0520 0021 8610 6109 - Return Receipt Requested

Benson-Montin-Greer Drilling Corp.
4900 College Boulevard
Farmington, NM 87402
Attn: Mr. Mike Dimond

Re: Emergency Permit - Permit No.06SNMJ1P9102
Rio Arriba County, New Mexico

Dear Mr. Dimond:

Regulations at 40 C.F.R. §144.34 provide for issuance of emergency permits to avoid a substantial delay in oil and gas production. In accordance with the provisions of those regulations, an emergency permit is issued to Benson-Montin-Greer Drilling Corp. for conversion and injection into Well No. E-19, located in Rio Arriba County, New Mexico at 1980' FNL, 660' FWL, NW Quarter, Section 19, Township 27N, Range 01E.

As permittee, you are authorized to inject salt water for enhanced oil recovery under the following conditions:

1. Mechanical integrity of the well must be demonstrated, to the satisfaction of the EPA, prior to injection.
2. The permittee is authorized to inject salt water into the Mancos formation at an injection interval depth of 3260 to 3370 feet below land surface.
3. Injection shall not result in the movement of fluid into an Underground Source of Drinking Water (USDW). The operating injection pressure at the wellhead shall not exceed 650 psig.
4. Injection volume shall be limited to a maximum of 7200 barrels per month.


5. During the emergency authorization period, the owner/operator shall comply with UIC regulations at 40 C.F.R. §147 Subpart HHH.

A complete permit application has been submitted. Emergency authorization to inject shall remain in effect until EPA issues a final decision on the permit application. Failure to abide with the above requirements is a violation of the Safe Drinking Water Act and may result in enforcement action.

If you have any questions, or would like to discuss this emergency permit, please contact the permit writer, Mr. Bill Hurlbut at (214) 665-8305.

Sincerely yours,



 Miguel I. Flores
Director
Water Quality Protection Division

cc: with enclosures

Bureau of Land Management, Albuquerque Area Office
435 Montano Road SE, Albuquerque, NM
Jicarilla Apache Tribe, Mr. Fred Vigil
P. O. Box 507, Dulce, NM 87528
New Mexico Oil Conservation Division, Mr. Will Jones
1220 S. St. Francis Drive, Santa Fe, NM 87505
Mr. Rick Davis, EPA Field Office



Region 6
1445 Ross Avenue
Dallas, Texas 75202-2733

DRAFT

UIC Permit No. 06SNMJ1P9102
Well No. E-19

**AUTHORIZATION TO CONVERT A WELL TO
AN INJECTION WELL UNDER THE UIC PROGRAM
JICARILLA APACHE TRIBE**

In compliance with the provisions of the Safe Drinking Water Act, (hereafter referred to as "the Act" or "SDWA") as amended (42 U.S.C. §300f et seq.),

Benson-Montin-Greer Drilling Corp..
4900 College Boulevard
Farmington, NM 87402

is authorized to convert a well to a Class II enhanced oil recovery injection well. This well is located at:

1980' feet from the north line and 660' feet from the west line, Northwest Quarter, Section 19, Township 27N, Range 01E into the injection interval at a depth of 3260 feet to 3370 feet below land surface in the Mancos in accordance with the construction and operation requirements, injection pressure limits, reporting and monitoring requirements, and other conditions set forth in Parts I and II of this permit and the New Mexico Indian Lands Class II Underground Injection Control Program and Regulations.

Authorization to inject fluids into the well described in this permit shall be separately granted. Such authorization may be verbally granted by the Chief, Ground Water/UIC Section when the operator has satisfactorily demonstrated compliance with special permit conditions I.A.1., I.A.2., I.A.3., and I.B.1.. Any verbal authorization to inject will be followed by a written "Authorization to Inject" from the Director, Water Quality Protection Division (6WQ). Upon authorization to inject, this permit shall remain in effect until the well is plugged or the permit is terminated.

This permit shall become effective on

Prepared by

Issued on

Bill Hurlbut
Environmental Engineer
Ground Water/UIC Section
(6WQ-SG)

Miguel I. Flores
Director
Water Quality Protection
Division