

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**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.*

File Serial No.

NMNM01177A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Buffalo Well No. 13

9. API Well No.

30-025-22651

10. Field and Pool, or Exploratory Area

Corbin: Queen, South (Oil)

11. County or Parish, State

Lea, New Mexico

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Permian Resources, Inc.

3a. Address

P.O. Box 590, Midland, Texas 79702

3b. Phone No. (include area code)

915/685-0113

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

1650' FNL & 1650' FEL, Unit G, Sec. 34, T18S, R33E SW/NE

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 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 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.)

Please find attached the Daily Reports on the Buffalo Federal Well No. 13 for the dates beginning May 8 through May 22, 2002.

ACCEPTED FOR RECORD

JUN 7 2002

GARY GOURLEY  
PETROLEUM ENGINEER

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

Barbara Watson

Title Regulatory Compliance

Signature

*Barbara Watson*

Date May 22, 2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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Title

Date

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.

GWW

# Permian Resources, Inc

## Buffalo Federal No. 13

### S. Corbin Queen (Oil) Pool

Fed Lease No. NMNM 001177A

API No. 30-025-22651

### Surface Location

1650' FNL & 1650' FEL (Unit G)

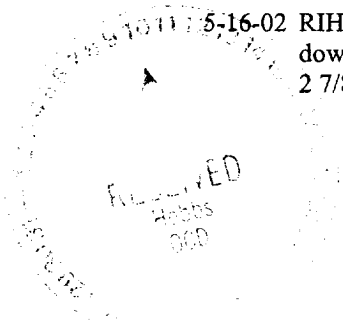
Section 34, T18S, R33E

Lea County, New Mexico

DF 3796'

GL 3784' (12' DF Correction)

- 5-8-02 RU reverse unit, RIH w/ 5 3/4" mill shoe, 1 jt 6 5/8" wash pipe, 10 jt. 2 7/8" 8rd tbg. RU swivel, tag fill @365.49'. Circulated hole, started drilling, drilled to 385', swivel locked down. Stopped drilling, pulled up hole w/wash jt. SI, worked on swivel. SD.
- 5-9-02 Installed swivel, tagged fill @365'. Mixed 10 sxs off gel, circulated hole. Started to drill, drilled to 380', pulley on lubricator pump went down. SD, worked on pulley. Mixed 6 sxs gel, drilled down to 406'. LD swivel, pulled up hole w/mill. SD.
- 5-10-02 Circulated hole, mixed 6 sxs of gel, tagged fill @360'. Started drilling, drilled down, washed to top of 4 1/2" casing. TOFH w/2 7/8" tbg., added one more jt of washpipe. RBIH, tagged 4 1/2" casing. Washed down to 410', wash pipe started to hang. Worked down 2', pulled up, circulated clean. Pulled up hole. SDFW
- 5-13-02 POOH w/mill shoe. Changed out 5 3/4" mill shoes. RBIH, tagged second casing collar, 32' from top of casing. PU swivel, wash over 4 1/2" casing to 414'. Started getting metals returns, SD drilling. TOFH w/ tbg. SWI
- 5-14-02 LD 2 jts. wash pipe, 10'X 4 1/2" jt csg. PU 11 jts 4 1/2" casing, tagged 4 1/2" casing @378'. Attempted to screw on to 4 1/2" casing. TOFH w/4 1/2" casing, stood back in derrick, had screwed onto one jt of 4 1/2" (30.45'). LD jt. WBIH w/millshoe, 1 jt. Wash pipe, 2 7/8" tbg. RU swivel, tagged 4 1/2" #408' FS. Started to circulate, found leak in 9 5/8" casing, 8" below collar. PU hole, welder repaired 9 5/8" casing. SD
- 5-15-02 Tagged 4 1/2" casing @408'. Washed over 4 1/2" casing, wash down 40'. Hydraulic hose blew on reverse unit. Repaired hose, WBIH to wash over 4 1/2" casing. Washed 1 full jt of wash pipe @460.61'. Circulated bottoms up, TOFH w 2 7/8", wash jt. And mill shoe. SD
- 5-16-02 RIH w/mill shoe, 2 jts wash pipe, 2 7/8" tbg swivel. Started tag @450', washed over fill down to @507.72. Bottom out of top of 4 1/2". TOFH, added 1 jt wash pipe. RBIH w/2 stds 2 7/8" tbg. SD.



Permian Resources, Inc.  
Buffalo Federal No. 13  
Daily Activity Report  
Attempt to Return to Production  
22 May 2002 – Page 2

- 5-17-02 RIH w/tbg to 501'. RU swivel, wash down 3 jts of wash pipe down to 552'. Circulated bottom up to make sure hole was clean, pulled 2 7/8" tbg out of hole. RIH w/ 7 5/8" overshot, loaded 5" basket grapple, latched on 4 1/2" pipe to stretch. SD
- 5-20-02 Flanged up bradenhead. RIH w 2 7/8" tbg, tagged up @664'. Tried to reverse circulate, had trouble with tbg. plugging up. POOH w/2 7/8" tbg. RU rotary WL, ran freepoint. Showed freepoint @555'. Ran chemical cutter, cut csg @555'. POOH w/csg and overshot. Recovered 4 1/2" from 407' to 557'. Top of 4 1/2" csg @ 555'. SD
- 5-21-02 WIH w/2 jts wash pipe, tagged @558', circulated hole, washed down pipe 40'. Washed a total of 53', cleaned bottoms up. POOH w/wash pipe. SD.
- 5-22-02 Tagged @608'. Wash down w/2 jts wash pipe, wash 30'.

Handwritten notes and a circular stamp in the bottom right corner. The stamp contains the text "Permian Resources, Inc." and "Buffalo Federal No. 13".

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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OMB No. 1004-0135  
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**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM01177A
2. Name of Operator Permian Resources, Inc.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 590, Midland, Texas 79702	3b. Phone No. (include area code) 915/685-0113	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FNL & 1650' FEL, Unit G, Sec. 34, T18S, R33E SWNE		8. Well Name and No. Buffalo Well No. 13
		9. API Well No. 30-025-22651
		10. Field and Pool, or Exploratory Area Corbin: Queen, South (Oil)
		11. County or Parish, State Lea, New Mexico

**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 _____
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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 recomple 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 recompletion 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.)

4/27/02 MIRU PRI WSU #3.

4/28/02 Dug and lined pit, RU 8 5/8" WH to work with 2 3/8" and 2 7/8" WS. RIH w/2 7/8 WS to top of 4 1/2" casing stub at 378' and circulate hole with 9#/FW gel mud. POOH w/WS. PU BHA w/shoe an wash pipe & RIH to prepare to washover and fish 4 1/2" casing.

4/30/02 Pumped 70 bbls fresh water w/20 sxs gel. TOOH w/tbg last two jts plugged. RBIH w/2 3/8" tbg. Circulated FW & gel. POOH. RU mill + 10 jts 2 7/8" tbg. Tagged @318' FSL. Started drilling Redbed to 330'. Bottom of stripper fell out. POOH. SD Brought another stripper to prepare for next day.

5-1-02 Installed new stripper. RBIH w/wash jt, washed over fish to 406'. POOH. RBIH washed over fish. Circulated hole clean, POOH w/ 2 7/8". RD cement truck, and reverse unit, moved to PRI yard for repairs.

5-2 to 5-6-02 Repairing high volume pump with pit and shaker.

5-7-02 MIRU Equipment

5-8-02 Started operations, SD. Repairing swivel pump.

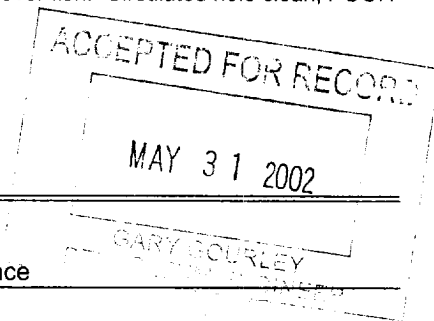
14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Barbara Watson	Title Regulatory Compliance
Signature <i>Barbara Watson</i>	Date May 8, 2002

**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	

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P.O. Box 590, Midland, Texas 79702

3b. Phone No. (include area code)  
915/685-0113

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650' FNL & 1650' FEL, Unit G, Sec. 34, T18S, R33E SW/NE

5. Lease Serial No.

NMNM01177A

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8. Well Name and No.  
Buffalo Well No. 13

9. API Well No.  
30-025-22651

10. Field and Pool, or Exploratory Area  
Corbin: Queen, South (Oil)

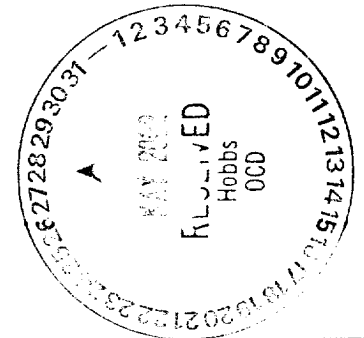
11. County or Parish, State  
Lea, New Mexico

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Barbara Watson

Title Regulatory Compliance

Signature

Date May 22, 2002

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## Buffalo Federal No. 13

### S. Corbin Queen (Oil) Pool

Fed Lease No. NMNM 001177A

API No. 30-025-22651

### Surface Location

1650' FNL & 1650' FEL (Unit G)

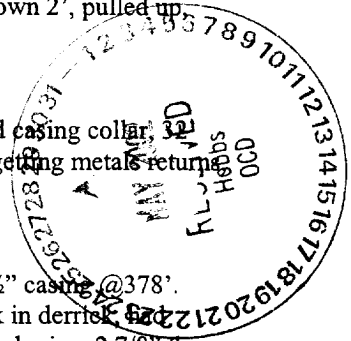
Section 34, T18S, R33E

Lea County, New Mexico

DF 3796'

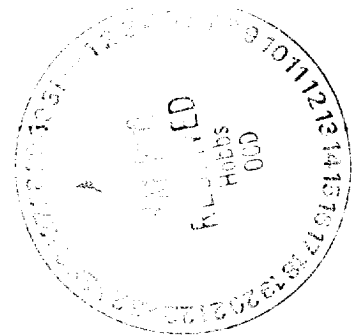
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Permian Resources, Inc.  
Buffalo Federal No. 13  
Daily Activity Report  
Attempt to Return to Production  
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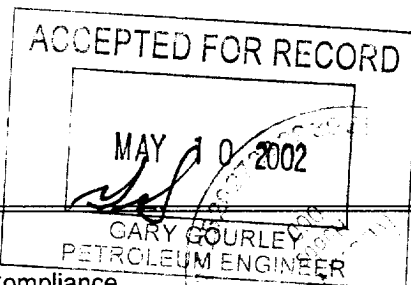
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Permian Resources, Inc. respectfully submits the following reports:

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14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Barbara Watson		Title Regulatory Compliance
Signature <i>Barbara Watson</i>		Date April 30, 2002

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<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 recomplete 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 recompletion 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.)  
4/27/02 MIRU PRI WSU #3.

4/28/02 Dug and lined pit, RU 8 5/8" WH to work with 2 3/8" and 2 7/8" WS. RIH w/2 7/8 WS to top of 4 1/2" casing stub at 378' and circulate hole with 9#/FW gel mud. POOH w/WS. PU BHA w/shoe an wash pipe & RIH to prepare to washover and fish 4 1/2" casing.

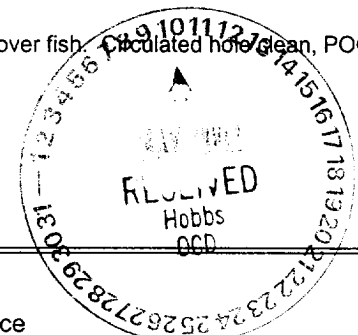
4/30/02 Pumped 70 bbls fresh water w/20 sxs gel. TOOH w/tbg last two jts plugged. RBIH w/2 3/8" tbg. Circulated FW & gel. POOH. RU mill + 10 jts 2 7/8" tbg. Tagged @318' FSL. Started drilling Redbed to 330'. Bottom of stripper fell out. POOH. SD Brought another stripper to prepare for next day.

5-1-02 Installed new stripper. RBIH w/wash jt, washed over fish to 406'. POOH. RBIH washed over fish. Circulated hole clean, POOH w/ 2 7/8". RD cement truck, and reverse unit, moved to PRI yard for repairs.

5-2 to 5-6-02 Repairing high volume pump with pit and shaker.

5-7-02 MIRU Equipment

5-8-02 Started operations, SD. Repairing swivel pump.



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

Barbara Watson

Title Regulatory Compliance

Signature

Date May 8, 2002

**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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1625 N. 1st St.  
Albuquerque, NM 87102

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NMNM01177A</b>
2. Name of Operator <b>Permian Resources, Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>P.O. Box 590, Midland, TX 79702</b>	3b. Phone No. (include area code) <b>(915) 685-0113</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1650' FNL &amp; 1650' FEL, Unit G Section 34, T-18S, R-33E</b>		8. Well Name and No. <b>Buffalo Federal #13</b>
		9. API Well No. <b>30-025-22651</b>
		10. Field and Pool, or Exploratory Area <b>Corbin Queen S. (oil)</b>
		11. County or Parish, State <b>Lea County, NM</b>

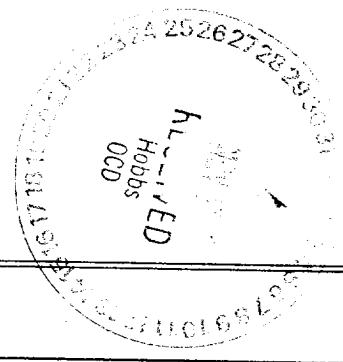
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 checked="" type="checkbox"/> Other <b>Attempt to</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Plug &amp; Abandon</b>
	<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 recomple 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 recompletion 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.)

Permian Resources waiting on BLM plugging revision allowances due to our inability to get inside collapsed and/or parted casing. Trash and pad clean up and wellhead installation will be done upon completion of plugging operations. See attached 3160-5 *accepted for record only* 10-17-2001.

**DENIED**



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

Name (Printed/Typed) <b>Mike Stewart</b>	Title <b>Engineer</b>
Signature <i>[Signature]</i>	Date <b>10-24-01</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

*Denied* (ORIG. SGD.) **DAVID R. GLASS** **PETROLEUM ENGINEER** Date **NOV 01 2001**

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 to make any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of the Federal Government.

**Plugging Revision Denied. Well Must Be Plugged Per Notice of Intent To Abandon Approved On 04/23/2001 (Verbal) And 04/30/2001 (Written).**

*GW*

RECEIVED

2001 OCT 25 AM 9:25

EDWARD J. COLEMAN  
HONORABLE OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000**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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Permian Resources, Inc.

## 3a. Address

P.O. Box 590, Midland, TX 79702

## 3b. Phone No. (include area code)

(915) 685-0113

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

1650' FNL & 1650' FEL, Unit G  
Section 34, T-18S, R-33E

## 5. Lease Serial No.

NMNM 01177A

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Buffalo Federal #13

## 9. API Well No.

30-025-22651

## 10. Field and Pool, or Exploratory Area

Corbin Queen S. (OIL)

## 11. County or Parish, State

Lea County, NM

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

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<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
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Per phone conversation 10/10/01 between Mike Stewart w/PRI and Armando Lopez, BLM - Roswell, authorization was given to rig down & temporarily cease operations to plug & abandon the Buffalo Federal #13, allowing BLM personnel to review & evaluate the operations performed to date in trying to repair the 4-1/2" production csg & subsequent complications due to parted, split or collapsed csg @ 671'. Following the BLM's review, PRI will recommence operations on the well. Per Mr. Lopez, no fines will be imposed for temporarily ceasing operations.

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

Mike Stewart

Signature

ACCEPTED FOR RECORD

David R. Glass

Title

ENGINEER  
DAVID R. GLASS  
PETROLEUM ENGINEER

Date

October 11, 2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

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

Offi

**Plugging Required Per Notice Of Intent  
To Abandon Approved On 04/30/2001.**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person who States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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2001 OCT 25 AM 9:25

DEPT. OF JUSTICE  
HOSKELL OFFICE