Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 3 1 ,1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICA TE

5. Lease Designation and Serial No.
LC 031670B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. Burger B
SEMU #121

2. Name of Operator
Conoco Inc

9. API Well No.
30-025-29089

3. Address and Telephone No.
10 DESTA DR. STE. 100W, MIDLAND, TX 79705-4500 (915) 686-5580

10. Field and Pool, or Exploratory Area
Eumont Yates 7 Rvrs Queen

4. Location of Well (Footage. Sec., T. R. M. or Survey Description)
660' FSL & 2310' FWL, Sec. 18, T20S, R38E, N

11. County or Parish, State
Lea, NM

In CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☒ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Conoco would like to submit the following alternate plugging procedure to complete plugging operations which began in October, 2001. (This is a third revision.)

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

RECEIVED
FEB 25 2002
OCD

14. I hereby certify that the foregoing is true and correct
Signed Reesa Wilkes Title Reesa R. Wilkes Regulatory Specialist Date 2/19/02

(This space for Federal or State office use)
Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date MAR 04 2002
Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FIELD, FILE ROOM

Title 18 U.S.C. Section 1001, 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.

*See Instruction on Reverse Side

JC
GWW

Conoco Inc.
SEMU #121 (Burger B)
Proposed Plugging Procedure as of 2/18/02

Surface casing: 13-3/8" @ 1,382' cmt'd to surface

Intermediate csg: 9-5/8" @ 4,110' cmt'd w/ 350 sx (1st stage) & 566 sx (2nd stage via perforations @ 1,370'). DV tool @ 3,109'

Production csg: 7" csg @ 7,923' cmt circulated, DV tool @ 4,075'.

Perforations: 3,000 – 3,004' (Seven Rivers); CIBP/cmt @ 3,008' & 6,610', etc.
Existing sqz perforations: 2,650' (8 3½" link-jet, 45°, 2 jspf)
1,432' (8 3½" link-jet, 45°, 2 jspf)
1,200' (8 3½" link-jet, 45°, 2 jspf)
1,150' (4 3½" link-jet, 90°, 2 jspf)
bullets: 4 @ 1,300'; 4 @ 1,250'; 4 @ 1,200'; 1 @ 1,150', & 5 @ 1,100'

Current Pressures: (2/18/02) 0 psi on 7", 15 psi on $9^5/_8$", and 15 psi on $13^3/_8$"

7" 23# = 0.221 ft^3/ft; 26# = 0.215 ft^3/ft
$9^5/_8$ x 12¼" openhole = 0.313 ft^3/ft
$9^5/_8$ x 18" openhole = 1.262 ft^3/ft

1. Rigged up Well Testing flowed well down over 2/16 2/17 weekend.
2. Drill out cement retainers @ 1,335' & 2,575'. Continue in hole w/ bit and tag PBTD @ +/- 2,800'.
3. RU lubricator and perforate 7" casing @ 2,820' w/ eight 3½" link-jet charges, 2 jspf, 45° phasing. POOH w/ wireline.
4. RIH w/ packer to 2,725' and establish rate into perforations @ 2,820'. If unable to establish rate at 1,500 psi or less, breakdown sqz perfs w/ 500 gal 15% HCl as needed.
5. RIH w/ Model SV-5 cement retainer (BJ Services) and set @ 2,725'. Test tubing lines.
6. RU kill truck to 7" casing annulus and test lines as needed. Load casing w/ brine water during squeeze in #8.
7. Sting out of retainer, establish circulation. Sting in and pressurize annulus with kill truck, maintain 300 psi if possible during squeeze.
8. Re-establish injection into open perforations with 10 ppg brine. Pump 5 bbl fresh water spacer ahead and squeeze slurry as per final laboratory formulation (currently 100 sacks Class H Cement + 10% bwow Sodium Chloride + 10% bwoc A-10 + 0.5% bwoc BA-10 + 0.5% bwoc Sodium Metasilicate + 60.7% Fresh Water). Pump 5 bbl fresh water spacer behind cement, and displace to 2,650' or as appropriate. Do not hesitate. SD kill truck.
9. Quickly sting out & reverse out. If circulation is not possible after 10 bbl, POOH quickly and SDFN.
10. POOH w/ tbg to 1,400'. Reverse tubing clean and pressure up on 7" casing to 500 psi as possible, maintain pressure for four hours.

11. Observe 7", 7x $9^5/_8$" , and $8^5/_8$x $13^3/_8$" for gas. If no gas is observed, continue to #12. Otherwise, re-perforate at 1,470' and establish rate into perforations under packer. If unable to establish rate at 1,500 psi or less, breakdown sqz perfs w/ 250 gal 15% HCl as needed. Proceed as follows:

    a) RIH w/ Model SV-5 cement retainer (BJ Services) and set @ 1,370'. Test tubing lines.

    b) RU kill truck to 7" casing annulus and test lines as needed. Load casing w/ brine water during squeeze.

    c) Sting out of retainer, establish circulation. Sting in and pressurize annulus with kill truck, maintain 300 psi if possible during squeeze.

    d) Re-establish injection into open perforations with 10 ppg brine. Pump 5 bbl fresh water spacer ahead and squeeze slurry as per final laboratory formulation (currently 125 sacks Class H Cement + 10% bwow Sodium Chloride + 10% bwoc A-10 + 0.5% bwoc BA-10 + 0.6% bwoc Sodium Metasilicate + 60.7% Fresh Water). Pump 5 bbl fresh water spacer behind cement, and displace to 1,350' or as appropriate. Do not hesitate. SD kill truck.

    e) Quickly sting out & reverse out.

    f) POOH w/ tbg to 1,300'. Reverse tubing clean and pressure up on 7" casing and 7x9-5/8" annulus to 500 psi as possible, maintain pressure for four hours.

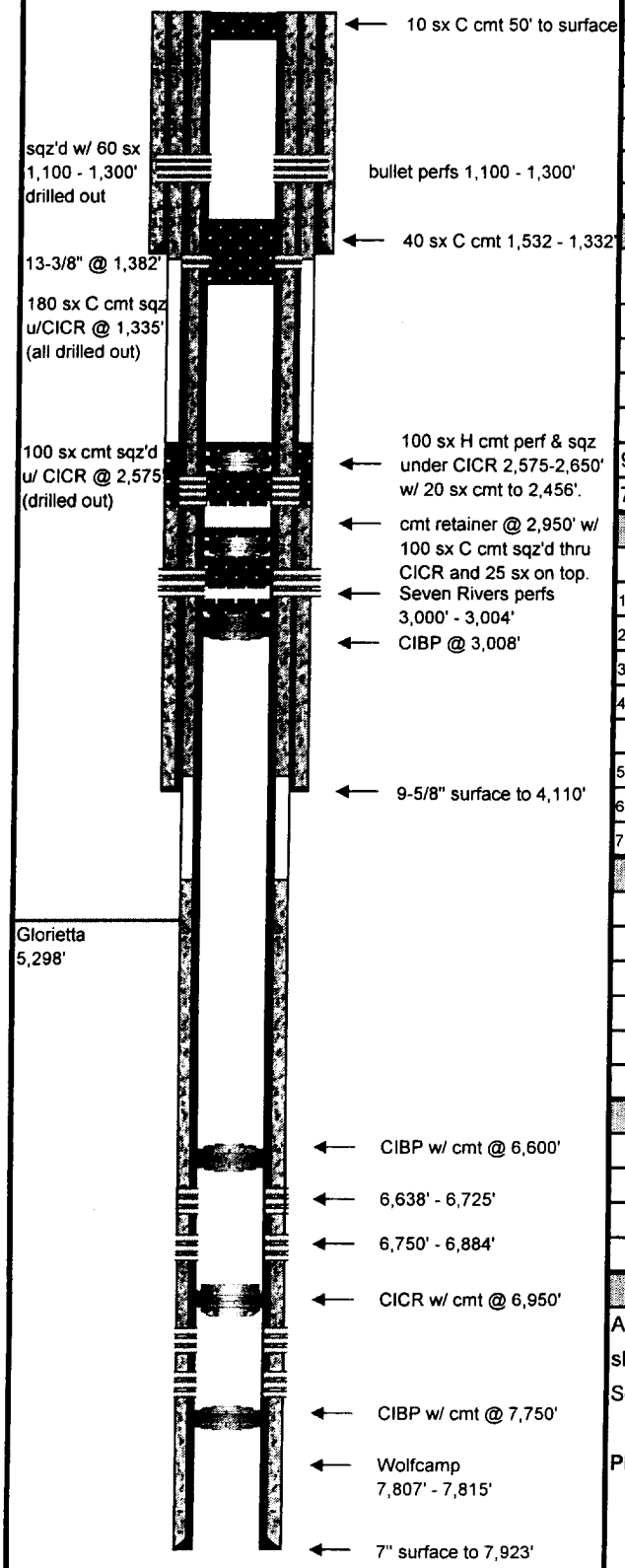
    g) WOC overnight. Observe 7", 7x $9^5/_8$" , and $8^5/_8$x $13^3/_8$' for gas. If no gas is observed, circulate plugging mud 1,300' to surface and continue to #13.

12. POOH w/ tubing to 1,532' and hole w/ plugging mud, pump 40 sx C cmt 1,532 - 1,332'.

13. Pump 10 sx C cmt 50' to surface.

14. Cut off wellhead and install dry hole marker. Cut off anchors and close working pit.

Conoco Inc. — *Plugged Wellbore* — SEMU #121



Field Name:			
County:	Lea	**Well Type:**	
State:	New Mexico	**Depth:**	
RRC District:		**Drilling Commenced:**	5/29/1985
Section:	18	**Drilling Completed:**	
Block:		**Date Well Plugged:**	
Survey:	T-20-S; R-38-E	**Longitude:**	
		Latitude:	
		Freshwater Depths:	
API #:	30-025-29089		
Lease or ID:	LC 31670B		

Casing

Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	13-3/8"	1,382	Surface	1270	
Intermediate:	9-5/8"	4,110	Surface	916	
Production:	7"	7,923	4,075	1621	

9-5/8" DV tool @ 3,109' - unable to open during primary cement job, no cement thru DV

7" DV tool @ 4,075' - circulated 45 bbls cmt to pit on 2nd stage

Existing & Proposed Plugs

	Description	Top	Depth	Sacks	Volume
1	CIBP	3,008	3,010		
2	Cmt sqz'd under CICR @ 2,950'	2,823	3,004	125	165
3	sqz u/ CICR @ 2,575' (drilled out)	2,456	2,650	120	158
4	sqz u/ CICR @ 1,335' (drilled out)	1,335	1,432	180	238
5	Cmt sqz'd under CICR @ 2,725'	2,725	2,820	100	149
6	cmt, balanced, class C	1,332	1,532	40	53
7	cmt, balanced, class C	surface	50	10	13

Perforations

Formation	Top	Depth	
Seven Rivers	3,000	3,004	
Upper Drinkard	6,638	6,725	
Lower & Middle Drinkard	6,750	6,884	
Wolfcamp	7,807	7,815	

Formations

Name	Top of Formation	
Glorietta	5,298	

Comments

Additional perforated/abandoned intervals, CIBP's, retainers in lower wellbore are not shown in schematic. csg leaks 3,028 - 3,118' sqz'd w/ 100 sx 10/20/94. Prior to comp. Seven Rivers interval, sqz'd 50 sx C cmt thru sqz perfs 3,008 - 3,011'.

Plug #5: 100 sx H cement w/ 10% bwow NaCl, 10% bwoc A-10 (thixotropic additive), & 0.5% bwoc SMS

Prepared By:	Jim Newman
Date:	February 18, 2002

TRIPLE N SERVICES INC. MIDLAND, TX