

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993
Last Revision and Serial No.

NM 0557686

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 TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **Injection Well**

2. Name of Operator

Conoco Inc

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX 79705-4500 (915) 686-5580

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

660' FSL & 1980' FEL, Sec. 13, T20S, R37E, O

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEMU Permian #45

9. API Well No.

30-025-06088

10. Field and Pool, or Exploratory Area

Skaggs Grayburg

11. County or Parish, State

Lea, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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 P&A the subject well per the attached procedure.

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

Reesa R. Wilkes

Signed

Title Regulatory Specialist

Date 1/14/02

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

JAN 17 2002

BLM(6), NMOC(3), 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 officer or employee of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

PETROLEUM ENGINEER

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

*See Instruction on Reverse Side

GWW

Conoco Inc.
SEMU #45

Surface casing: 8-5/8" @ 275' cmt'd w/ 155 sx, circulated
Production casing: 5½" csg @ 3,889' TOC 1,375' calculated
5½" 14# = 7.299 ft/ft³ 5½ x 8⁵/₈" annulus = 5.129 ft/ft³

Open Perforations: 3,816 – 3,884' & openhole 3,889 – 3,911'

Current: Backer Loc-set as RBP set Sept 2001 @ 3,595'. Circulated w/ packer fluid. Failed recent MIT (500 psi to 300 psi in 1 minute) due to hole in casing, PIPE log indicates bad spot @ 3,038'.

During P&A operations, SI casings nightly, installing gauges. Check & record all pressures on morning report.

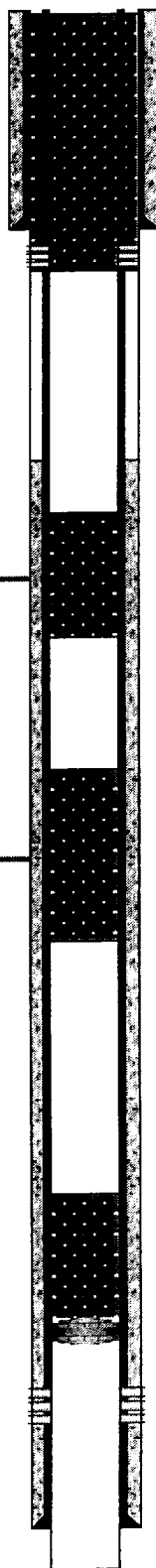
1. MIRU plugging equipment. NU BOP and RIH w/ retrieving head on 2-3/8" workstring tubing to RBP @ 3,595'. Latch onto RBP and POOH.
2. RIH w/ tbq-set CIBP to 3,766'. RU cementer and set CIBP. Load hole w/ 65 bbls 9.5 ppg plugging mud. Pump 25 sx C cement @ 3,766'.
3. POOH w/ tbq to 2,575'. Load hole w/ mud and pump 25 sx C cmt 2,575 – 2,475'. **Base of salt**
4. POOH w/ tbq to 1,550'. Load hole w/ mud and pump 25 sx C cmt 1,550 – 1,450'. **Top of salt**
5. POOH w/ tbq. SI BOP and test casing to 500 psi. If casing tests, pump plug in #7 under wellhead (in lieu of packer), otherwise isolate hole in casing and squeeze plug under packer as needed.
6. RU wireline and perforate 5½" casing w/ four 1-11/16" link-jet charges, 4 jsfp, 90° phasing @ 325'. POOH w/ wireline.
7. RIH w/ 5½" AD-1 packer to 60'. Load hole and set packer, test casing above packer and establish rate into squeeze perforations. Squeeze 100 sx C cmt 325' to surface. WOC as needed and POOH w/ packer.
8. ND BOP and top off wellbore w/ cement as needed.
9. Cut off wellhead and anchors, install dry hole marker. Cut off anchors and close working pit.

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← 8-5/8" set at 275'

← 100 sx cmt perforated & squeezed under packer 325' to surface

Top of salt
1,500'← 25 sx cmt plug
1,450' - 1,550'Base of salt
2,525'← 25 sx cmt plug
2,475' - 2,575'← 25 sx cmt plug
3,666' - 3,766'

← CIBP set @ 3,766'

← perforations
3,816' - 3,884'

← 5-1/2" set at 3,889'

← Open Hole to 3,911'

Field Name:			
County:	Lea	Well Type:	
State:	New Mexico	Depth:	3,911
RRC District:	N/A	Drilling Commenced:	
Section:	13	Drilling Completed:	
Block:		Date Well Plugged:	
Survey:	T-20-S; R-37-E	Longitude:	
		Latitude:	
		Freshwater Depths:	
API #:			
Lease or ID:			

Casing

Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	8-5/8"	275	Surface	155	
Production:	5-1/2"	3,889	1,375	unknown	

Proposed Plugs

Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)
1 CIBP	3,766			
2 Cement-Class C - Balanced	3,666	3,766	25	33
3 Cement-Class C - Balanced	2,475	2,575	25	33
4 Cement-Class C - Balanced	1,450	1,550	25	33
5 Cement-Class C - Sqz/Packer	3	325	100	132

Perforations

Formation	Top (feet)	Depth (feet)
Perforations	3,816	3,884
openhole	3,889	3,911

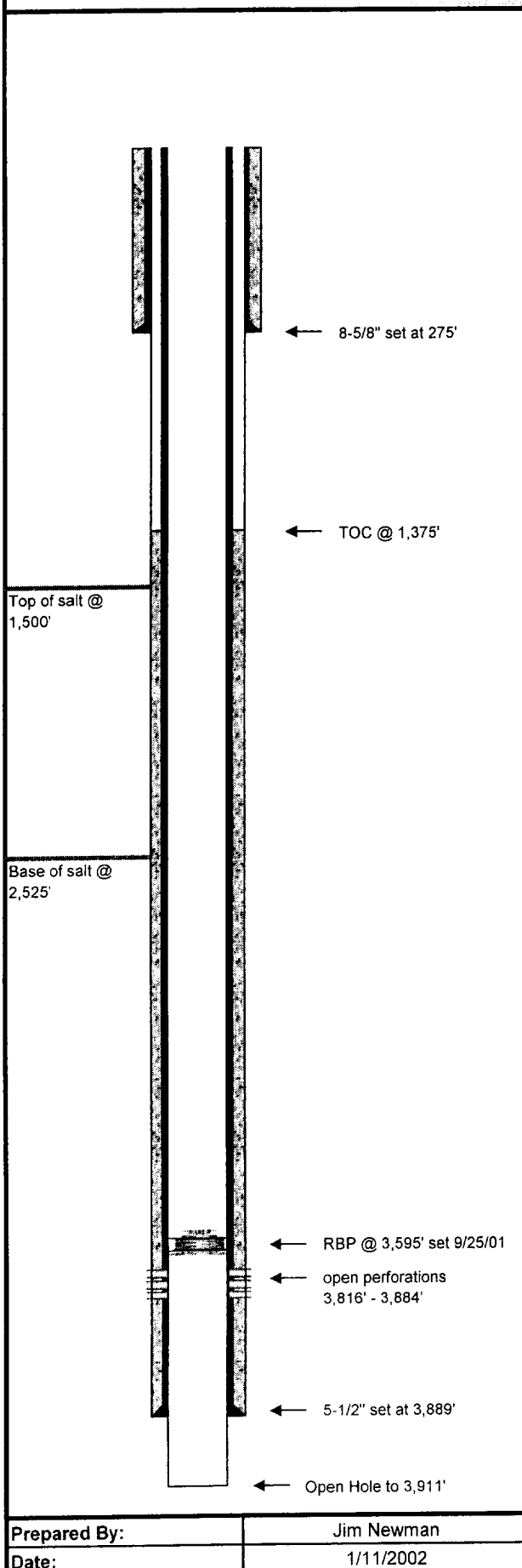
Formations

Name	Top of Formation
Top of salt	1,500
Base of salt	2,525

Comments

Prepared By: Jim Newman

Date: 1/11/2002



Field Name:			
County:	Lea	Well Type:	
State:	New Mexico	Depth:	3,911
RRC District:	N/A	Drilling Commenced:	
Section:	13	Drilling Completed:	
Block:		Date Well Plugged:	
Survey:	T-20-S; R-37-E	Longitude:	
		Latitude:	
		Freshwater Depths:	
API #:	30-		
Lease or ID:			

Casing					
Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	8-5/8"	275	Surface	155	
Production:	5-1/2"	3,889	1,375	unknown	

Existing Plugs				
Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)
Retrievable Bridge Plug	3,595			

Perforations			
Formation	Top (feet)	Depth (feet)	
	3,816	3,884	
	3,889	3,911	

Formations		
Name	Top of Formation	
Top of salt	1,500	

Comments

9/25 - 9/27/01: Failed MIT, ran Baker PIPE log and found bad spot @ 3,038' and minor interna pitting 800 - 1,100'. Tested to 500 psi, leaked off to 300 psi in 1 minute. Hole circulated w/ packer fluid. RBP set @ 3,595'.

Prepared By: Jim Newman
Date: 1/11/2002

