

OCD-HOBBS

Form 3160-5
(April 2004)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. 1004-0137
Expires: March 31, 20075. Lease Serial No.
LC031670A

6. If Indian, Allottee or Tribe Name

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

NM 71041A

DM

8. Well Name and No.

SEMU Permian #40

9. API Well No.

30-025-07821

10. Field and Pool, or Exploratory Area

Skaggs Grayburg

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 ConocoPhillips Company ATTN: Celeste Dale

3a. Address
3300 N. "A" Street, Bldg. 6 #247 Midland, Texas 797053b. Phone No. (include area code)
432-688-6884

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

Unit Letter "I", 1,980' FSL & 660' FWL, Section 19, T-20-S, R-38-E

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 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 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.)

SEE ATTACHED PROPOSED PLUGGING PROCEDURE AND CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS

SUBJECT TO LIKE APPROVAL BY STATE

SEE ATTACHED FOR
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

James F. Newman, P.E.

Title Engineer, Triple N Services, Inc.

Signature

Date

05/17/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

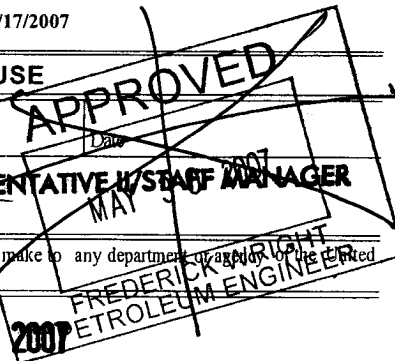
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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)

JUN 04 2007



CURRENT WELLBORE SKETCH ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date: April 24, 2007

RKB @ 3548'
 DF @ 3547'
 GL @ 3537'

Subarea : Hobbs
 Lease & Well No. : SEMU Permian No. 40W
 Legal Description : 1980' FSL & 660' FEL, Sec. 19, T20S, R38E

County : Lea State : New Mexico
 Field : Skaggs Grayburg
 Spud : Dec. 22, 1951 Rig Released: Jan. 11, 1952
 API Number : 30-025-07821

Status:
 Drilled as SEMU - W.D. Burger A-19 No. 12 Lse Serial No. LC 031670(a)

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
3815-3915	1/10/52	Nitroglycerin	250 Quarts					
3815-3915	8/25/55	Acid	500					
		Lease Crude	10,000	10,000				
	4/1/55	Redesignated SEMU Permian Well No. 40 formerly SEMU Burger A-19 No. 12						
	4/3/59	Cleanout sandfill to 3926'						
	11/13/63	Administrative Order to convert to water injection No. WFX-158 NMOCD Order No. R-1710						
	3/4/64	Converted to water injection						
	9/23/76	Shut-in						
	11/28/77	Returned to injection						
	11/7/90	Shut-in for evaluation						
	12/12/95	Perforate 3715-3729' w/4" guns, 4 SPF @ 90 degree phasing						
3715-3926	12/12/95	15% HCl	5,000	4,000# Trimix Salt				
	5/23/06	Set packer at 3605' and shut in per NMOCD						

12-1/4" Hole

8-5/8" 18.8# @ 254'

Cmt'd w/200 sx, circ

TOC @ Surface

TOC 5-1/2" Csg @ 500' (T.S.)

Top Salt @ 1480'

Base Salt @ 2430'

AD-1 Pkr @ 3605'

3715'-3729' - 4 SPF @ 90 PHASING

5-1/2" 14# C & 15.5# J-55 @ 3,729' cmt'd w/ 1,570 sx

OH 3729'-3926'

3815'-3915' - Shot w/250 Qts Nitro

Formation Tops:

Anhydrite	1360'
Top Salt	1480'
Base Salt	2430'
Yates	2696'
7 Rivers	2916'
Queen	
Penrose	
Grayburg	

PBTD @ 3926'
 TD @ 3926'

ConocoPhillips

Proposed Plugging Procedure

SEMU Permian #40
Skaggs Grayburg Field
Lea County, New Mexico
API #30-025-07821

Casings: 8⁵/₈" 18.8# casing @ 254' cmt'd w/200 sx, circulated
5¹/₂" 14 & 15.5# casing @ 3,729' cmt'd w/ 1,570 sx, TOC 500' by TS
Perforations 3,755 – 3,729', openhole 3,79 – 3 926
AD-1 packer @ 3,605'

- Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP. POOH w/ injection tubing & packer.
 2. RIH w/ HM tbg-set CIBP on 2³/₈" workstring to CIBP @ 3,665'. RU cementer and set CIBP @ 3,665'. Circulate hole w/ 10 ppg plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5¹/₂" 14# casing) 3,665 – 3,424'. **Grayburg plug**
 3. POOH w/ tubing to 2,600' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5¹/₂" 14# casing) 2,600 – 2,359'. **Base of salt plug**
 4. POOH w/ tubing to 1,480' and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5¹/₂" 14# casing) 1,480 – 1,239'. WOC & TAG this plug no deeper than 1,380'. POOH w/ tubing. **Top of Salt plug**
 5. SI BOP and pressure-test 5¹/₂" casing.
 6. RIH w/ wireline and perforate 5¹/₂" casing @ 304' w/ four 1-11/16" link-jet perforating charges. POOH w/ wireline.
 7. If casing tested in #5, SI BOP and establish circulation in 5¹/₂ x 8⁵/₈" annulus via perforations @ 400'. ND BOP and NU wellhead. Circulate 100 sx C cmt (1.32 ft³/sk yield, 132 ft³ slurry volume, calculated fill 361' in 8⁵/₈" 20# casing) 304' to surface. If casing did not test, RIH w/ packer and squeeze cement to surface under packer. **surface plug**
 8. ND BOP and wellhead, top off wellbore w/ cmt as needed. ND BOP, NU wellhead. RDMO location.
 9. Clean steel pit & haul fluids to disposal. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

PROPOSED PLUGGED WELLBORE SKETCH ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

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PROPOSED PLUGGING PROCEDURE

- 1) Set CIBP @ 3,665', 25 sx C cmt 3,665 - 3,424'
- 2) 25 sx C cmt 2,600 - 2,359'
- 3) 25 sx C cmt 1,480 - 1,380' WOC & TAG
- 4) 100 sx C cmt 304' to surface, circulate cement

Casing / Openhole Capacities

5½" 15.5# csg:	7.485 ft/ft3	0.1336 ft3/ft
5½" 17# csg:	7.661 ft/ft3	0.1305 ft3/ft
8½" 20# csg:	2.733 ft/ft3	0.3659 ft3/ft
8½" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
7½" openhole:	2.957 ft/ft3	0.3382 ft3/ft
12¼" openhole:	1.222 ft/ft3	0.8185 ft3/ft

Formation Tops:

Anhydrite	1360'
Top Salt	1480'
Base Salt	2430'
Yates	2696'
7 Rivers	2916'
Queen	
Penrose	
Grayburg	

12-1/4" Hole

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 100 sx C cmt 304' to surface,
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TOC 5-1/2" Csg @ 500' (T.S.)

Top Salt @ 1480'
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Base Salt @ 2430'
 25 sx C cmt 2,600 - 2,359'

Set CIBP @ 3,665', 25 sx C cmt 3,665 - 3,424'

3715'-3729' - 4 SPF @ 90 PHASING
 5-1/2" 14# C & 15.5# J-55 @ 3,729' cmt'd w/ 1,570 sx

OH 3729'-3926'
 3815'-3915' - Shot w/250 Qts Nitro

PBTD @ 3926'
 TD @ 3926'

SUNDRY NOTICE SPECIAL STIPULATIONS

1. Approval is granted to P/A this well with the following modifications to the procedure:
2. The CIBP proposed for 3665' should be replaced with a 33 sack plug set @ 3779'. Tag. 7

~~* All plugs, including the surface plug, should leave at least 25 sacks of cement inside the casing and be at least 100 feet, plus an additional 10% for each 1000 feet of depth.~~

Plugging procedures must conform to 43 CFR 3162.6.d and Onshore Order No. 2.III.G or NMOCD orders if they are more stringent.

All of the work approved here must be completed within 90 days

Engineering
can be reached at 505-706-2779 for any variances that might be necessary.

F Wright 5/30/07