

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-08025
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LC 029405B
7. Lease Name or Unit Agreement Name Mitchell "B"
8. Well Number 13W
9. OGRID Number
10. Pool name or Wildcat Maljamar Grayburg/San Andres

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Injection Well	
2. Name of Operator ConocoPhillips Co. Attn: Celeste Dale	
3. Address of Operator 4001 Penbrook, Odessa, TX 79762	
4. Well Location Unit Letter N : 660 feet from the South line and 1980 feet from the West line Section 18 Township 17-S Range 32-E NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,965' RKB	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type STEEL Depth to Groundwater _____ Distance from nearest fresh water well > 1 mile Distance from nearest surface water > 1 mile	
Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume 180 bbls; Construction Material STEEL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached procedure and wellbore diagram.

**THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS.**



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE James F. Newman TITLE Petroleum Engineer DATE 09/29/05

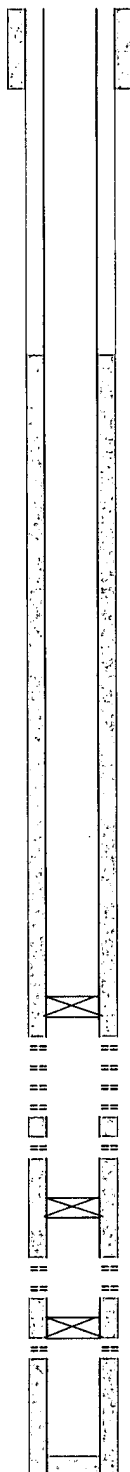
Type or print name James F. Newman, P.E. E-mail address: jim@triplenservices.com Telephone No. 432-687-1994
For State Use Only

APPROVED BY: Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any): DATE OCT 04 2005

WELLSKETCH
ConocoPhillips Company - Permian Basin Business Unit

Date: June 22, 2005

RKB @ 3965'
 DF @ 3964'
 GL @ 3953'



12-1/4" Hole
 8-5/8" 24#, J-55 @ 264'
 Cmt'd w/110 sx; circ
 TOC @ Surface

Top Salt @ 776'

TOC 5-1/2" csg @ 1550'

Base Salt @ 1855'

7-7/8" Hole to 3670'

CIBP @ 3590'

3660' - 3669'
 3674' - 3681'
 3699' - 3721'
 3738' - 3750' - 4 JSPF
6th Zone
 3759' - 3766' - 4 JSPF

7-13/16" Hole to 3860'
 CIBP @ 3866'

9th Zone
 4089' - 4093'
 4097' - 4110'

CIBP @ 4115'
 4118' - 4126

7-3/4" Hole to 4162'
 5-1/2" 14# J-55 @ 4159'
 Cmt'd w/650 sx lead cmt
 190 sx tail cmt
 TOC @ 1550'

PBTD @ 3590'
 TD @ 4162'

Subarea : Maljamar
 Lease & Well No. : Mitchell-B No. 13W
 Legal Description : 660' FSL & 1980' FVL, Sec. 18, T17-S, R-32-E
 County : Lea State : New Mexico
 Field : Maljamar (Grayburg-San Andres)
 Date Spudded : July 3, 1959 Rig Released: July 21, 1959
 API Number : 30-025-08025
 Status: _____

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	7/21/59	Perf 3759-3766; 4 JSPF						
3759-3766	7/23/59	Lease Crude	8,000	8000	3350	2400	6.6	
	7/28/59	Perf 4118-4126; 4 JSPF						
4118-4126	7/29/59	SD Oil Frac	6,000	4000	5800	5400	8.2	
	7/31/59	Set CIBP at 4115'						
	7/31/59	Perf 4089-4110						
4104-4110	8/3/59	15% Acid	4,000		4350	3300	4.2	
	11/7/60	Perf 3660-3750						
	11/7/60	Set CIBP @ 3766'						
3738-3760	11/8/60	Lease Crude	10,000	12,000				
3699-3721	11/8/60	Lease Crude	20,000	18,000				
3660-3681	11/8/60	Lease Crude	20,000	20,000	5850		16.5	
	8/14/63	Redesignated from Wm Mitchell B 38 to Wm Mitchell B 13						
	5/2/68	Drill out CIBP @ 3766; CO to 4115'						
	5/9/68	Converted to water injection						
	3/21/70	Set CIBP @ 3866'						
	3/4/73	Pressure test casing 1000 psi, OK.						
	12/14/89	Set CIBP @ 3590'; pkr fluid - temporarily abandoned						
		Uneconomical						

Formations:

Top Salt	776'
Base Salt	1855'
Yates	2046' - 2105'
Queen	2978' - 3013'
Grayburg	3384' - 3768'
San Andres	3768' - 4160'

ConocoPhillips

Proposed Plugging Procedure

Mitchell "B" #13W

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

Surface casing: 8 $\frac{5}{8}$ " 24# casing @ 264' w/ 110 sx cmt

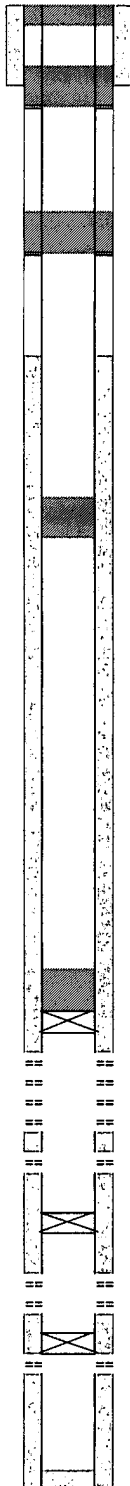
Production casing: 5 $\frac{1}{2}$ " 14# casing @ 4,159' w/ 840 sx cmt

- Notify OCD 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.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ 2 $\frac{3}{8}$ " workstring, tag existing CIBP @ 3,590'. RU cementer and circulate hole w/ mud, pump 25 sx C cement (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5 $\frac{1}{2}$ " 14# casing) on CIBP 3,590 – 3,349'. **Grayburg San Andres plug**
 4. POOH w/ tbg to 1,955'. Load hole w/ plugging mud and pump 25 sx C cement (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5 $\frac{1}{2}$ " 14# casing) 1,955 – 1,714'. POOH w/ tbg. **Base of Salt Plug**
 5. RU lubricator & RIH w/ wireline. Perforate 5 $\frac{1}{2}$ " casing @ 776' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 6. RIH w/ AD-1 packer to 550'. Load hole w/ mud, set packer, and establish rate into perforations at 776'. If rate is established at 1,000 psi or less, squeeze w/ 45 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 59.4 ft³ slurry volume, calculated fill 176' in 7 $\frac{7}{8}$ " hole) 776 – 676'. If unable to establish rate, contact NMOCD for procedure. WOC & tag this plug no deeper than 676'. POOH w/ packer. **Top of Salt Plug**
 7. RU lubricator & RIH w/ wireline. Perforate 5 $\frac{1}{2}$ " casing @ 314' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 8. RIH w/ AD-1 packer to 30'. Load hole w/ mud, set packer, and establish rate into perforations at 314'. If rate is established at 1,000 psi or less, squeeze w/ 50 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 195' in 7 $\frac{7}{8}$ " hole) 314 – 214'. WOC & tag this plug no deeper than 214'. POOH w/ packer. **Surface casing shoe plug**
 9. ND wellhead and NU BOP, establish circulation and circulate 15 sx C cement 50' to surface. **Surface Plug**
 10. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

PROPOSED PLUGGED WELLBORE SKETCH
ConocoPhillips Company – Permian Basin Business Unit

Date: Sept 21, 2005

RKB @ 3965'
 DF @ 3964'
 GL @ 3953'



15 sx cmt 50' to surface
 12-1/4" Hole

50 sx cmt 314 - 214' perf/sqz, TAG
 8-5/8" 24#, J-55 @ 264'
 Cmt'd w/110 sx; circ
 TOC @ Surface

45 sx cmt 776 - 676' perf/sqz, TAG
 Top Salt @ 776'

TOC 5-1/2" csg @ 1550'

25 sx cmt 1,955 - 1,714'
 Base Salt @ 1855'

7-7/8" Hole to 3670'

25 sx cmt on CIBP @ 3,590'

CIBP @ 3590'

3660' - 3669'
 3674' - 3681'
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		Uneconomical						



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt on existing CIBP @ 3,590'
- 2) 25 sx C cmt 1,955 - 1,714'
- 3) 45 sx C cmt 776 - 676', perf & sqz, WOC & TAG
- 4) 50 sx C cmt 314 - 214', perf/sqz, WOC & TAG
- 5) 15 sx C cmt 50' to surface

Formations:

Top Salt	776'
Base Salt	1855'
Yates	2046' - 2105'
Queen	2978' - 3013'
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