

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. 30-025-30395
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2229
7. Lease Name or Unit Agreement Name Philmed
8. Well Number 31
9. OGRID Number 217817
10. Pool name or Wildcat Maljamar / Grayburg San Andres

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,134' GR

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water N/A

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:

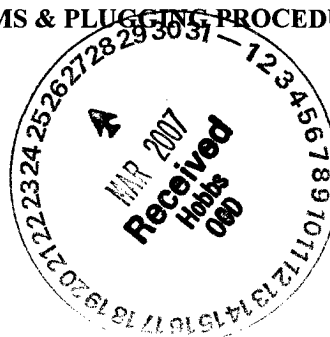
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

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 CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS & PLUGGING PROCEDURE



**THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
EXECUTION 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 James F. Newman, P.E. (Triple N Services) DATE 03/19/07

Type or print name
For State Use Only

E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

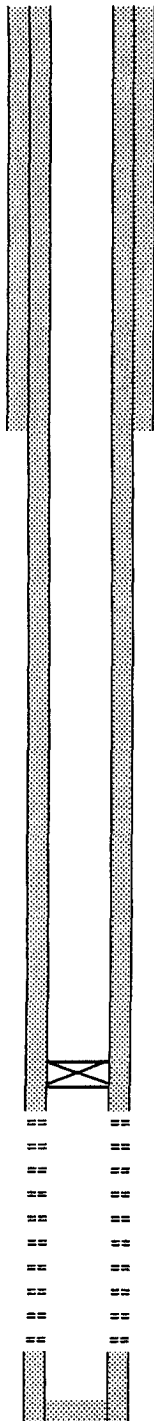
APPROVED BY: James W. Wink
Conditions of Approval (if any):

TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 27 2007

WELLBORE SKETCH
ConocoPhillips Company -- Lower 48 Mid-Continent BU / Odessa

Date: January 16, 2007

RKB @ 4145'
 DF @ 4144'
 GL @ 4132.8'



12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1480'
 Cmt'd w/1,000 sx, circ 125 sx
 TOC @ Surface
 Top Salt @ 1560'

Base Salt @ 2640'

5-1/2" CIBP @ 4150'

== 4218-4220 4235-4246
 == 4300-4306 4341-4343
 == 4348-4354 4365-4370
 == 4413-4415 4430-4434
 == 4449-4451 4454-4456
 == 4482-4484 4504-4514
 == 4520-4522 4525-4527
 == 4530-4532 4536-4540
 == 4546-4548 4584-4596
 == 4605-4613 4616-4620

7-7/8" Hole
 5-1/2" 15.5# K-55 ST&C @ 4800'
 Cmt'd w/ 1300 sx, circ 122 sx cmt

PSTD @ 4150' TOC @ Surface
 TD @ 4800'

Subarea : Buckeye
 Lease & Well No. : Philmex No. 31
 Legal Description : 1980' FSL & 2105' FEL, Sec. 26, T-17-S, R-33-E
 County : Lea State : New Mexico
 Field : Maljamar Grayburg/San Andres
 Date Spudded : June 30, 1988 Rig Released: July 7, 1988
 API Number : 30-025-30395
 Status: Temporarily Abandoned

State Lease B-2229

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	7/16/88	Perforate 4218-4620 (select fire)						
4218-4607	7/19/88	15% NEFE HCl	9,200	219 BS	3200	2100		
4218-4620	7/21/88	X-Link Gel	94,400	181,000	4100			
	8/30/94	Set 5-1/2" CIBP @ 4150'						
		Temporarily Abandoned						

Formation Tops:

Top Salt 1560'
 Base Salt 2640'
 Queen 3785'
 Grayburg 4172'
 San Andres 4550'

ConocoPhillips

Proposed Plugging Procedure

Philmex #31

API #30-025-30395

Maljamar Grayburg San Andres Field

Lea County, New Mexico

Casings: 8⁵/₈" 24# casing @ 1,480' cmt'd w/ 1,000 sx, circulated 125 sx to surface
5¹/₂" 15.5# casing @ 4,800' cmt'd w/ 1,300 sx, circulated 122 sx to surface

- TA'd w/ CIBP set @ 4,150' (set 08/30/94)
- 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 coiled tubing unit. ND wellhead and NU lubricator.
2. RIH w/ 1¹/₂" coiled tubing, tag BP @ ~4,150'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5¹/₂" 15.5# casing) 4,150 – 3,903'. **Grayburg/San Andres plug**
3. POOH w/ tubing to 2,740' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5¹/₂" 15.5# casing) 2,740 – 2,493'. **Base of salt plug**
4. POOH w/ tubing to 1,610' and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5¹/₂" 15.5# casing) 1,610 – 1,363'. WOC & tag this plug no deeper than 1,430'. **Top of salt & surface casing shoe plug**
5. POOH w/ tubing to 400' and circulate 45 sx C cement (1.32 ft³/sk yield, 59.4 ft³ slurry volume, calculated fill 445' in 5¹/₂" 15.5# casing) 400' to surface. **Surface plug**
6. POOH w/ tubing, ND lubricator, wash out tubing.
7. RDMO location.
8. 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 / Odessa

Date: March 19, 2007

RKB @ 4145'
 DF @ 4144'
 GL @ 4132.8'

Subarea: Buckeye
 Lease & Well No.: Philmex No. 31
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4218-4620	7/21/88	X-Link Gel	94,400	181,000	4100			
	8/30/94	Set 5-1/2" CIBP @ 4150'						
		Temporarily Abandoned						

45 sx C cmt 400' to surface, circulate cmt

12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1480'

Cmt'd w/1,000 sx, circ 125 sx

TOC @ Surface

Top Salt @ 1560'

25 sx C cmt 1,610 - 1,363' WOC & TAG

Base Salt @ 2640'

25 sx C cmt 2,740 - 2,493'

circulate plugging mud from PBTD

25 sx C cmt 4,150 - 3,903'

5-1/2" CIBP @ 4150'

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4520-4522 4525-4527

4530-4532 4536-4540

4546-4548 4584-4596

4605-4613 4616-4620

7-7/8" Hole

5-1/2" 15.5# K-55 ST&C @ 4800'

Cmt'd w/ 1300 sx, circ 122 sx cmt

PBTD @ 4150'
 TD @ 4800'



PROPOSED PLUGGING PROCEDURE

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 4,150 - 3,903'
- 3) 25 sx C cmt 2,740 - 2,493'
- 4) 25 sx C cmt 1,610 - 1,363' WOC & TAG
- 5) 45 sx C cmt 400' to surface, circulate cmt

Capacities

5 1/2" 15.5# csg:	7.485 ft/ft3	0.1336 ft3/ft
8 1/4" openhole:	2.3947 ft/ft3	0.4176 ft3/ft
7" 20# csg:	4.3995 ft/ft3	0.2273 ft3/ft
8 1/2" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
13 1/4" 61# csg:	1.711 ft/ft3	0.8542 ft3/ft

Formation Tops:

Top Salt	1560'
Base Salt	2640'
Queen	3785'
Grayburg	4172'
San Andres	4550'