

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. 30-025-20883 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. B-1839-1 |
| 7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract 26 |
| 8. Well Number 1 |
| 9. OGRID Number 217817 |
| 10. Pool name or Wildcat Vacuum Glorieta |

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 ☒ Gas Well ☒ Other ☐

2. Name of Operator
ConocoPhillips Company ATTN: Celeste Dale

3. Address of Operator
3300 N. "A" Street, Bldg. 6 #247, Midland, TX 79705-5406

4. Well Location
Unit Letter D : 990 feet from the North line and 330 feet from the West line
Section 27 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,935' GL; 3,947' RKB

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 PROPOSED PLUGGING PROCEDURE, CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS.

The Oil Conservation Division **Must** be notified
24 hours prior to the beginning of plugging operations

RECEIVED
AUG 18 2008
HOBBS OCD

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 Area Manager, P&A Operations (Basic Energy Services) DATE 08/15/08

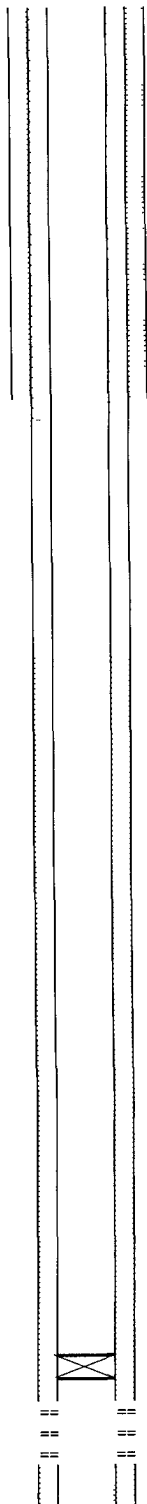
Type or print name: James F. Newman P.E. E-mail address: James.Newman@BasicEnergyServices.com Telephone No. 432-687-1994
For State Use Only

APPROVED BY: Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE AUG 19 2008
Conditions of Approval (if any):

WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date July 2, 2008

RKB @ 3947'
 DF @ 3946'
 GL @ 3935'



12-1/4" Hole

8-5/8" 32# & 24# @ 1627'
 Cmt'd w/ 1450 sx lead cmt, circ
 TOC @ Surface
Casing Leak @ 1700' - Sqz'd w/700 sx
 Top Salt @ ~ 1775'

TOC 4-1/2" Csg @ 2780' (T.S.)

Base of Salt @

4-1/2" CIBP @ 6086'

Glorieta

6132' - 6144'

6148' - 6156'

6168' - 6172'

7-7/8" Hole

4-1/2" 9 5# J-55 @ 6237'

Cmt'd w/870 sx cement

TOC @ 2780' (T S)

PBTD 6086'
 TD 6240'

Subarea Buckeye
 Lease & Well No Vacuum Glorieta East Unit, Tract 26 Well No 1
 Legal Description 990' FNL & 330' FWL, Sec 27, T-17-S, R-35-E, UL "D"
 County Lea State New Mexico
 Field Vacuum Glorieta
 Date Spudded 6/25/64 Rig Released 7/17/64
 API Number 30-025-20883
 Status Temporarily Abandoned
 Drilled as State 5-27 No. 8 State O&G Lse No. B-1839-1

Stimulation History:

| Interval | Date | Type | Gals | Lbs. Sand | Max Press | ISIP | Max Rate | Max Down |
|-----------|----------|---|-------|-----------|-----------|------|----------|----------|
| 6132-6172 | 7/21/64 | Perforate 6132'-6172', 1 JSPF (select fire) | | | | | | |
| | 7/23/64 | Acid | 1,000 | | 2700 | | 2200 | |
| | | IPF 82 BO, 0 BW | | | | | | |
| 6132-6172 | 12/17/70 | 15% NE HCl | 2,000 | | | | | |
| | 8/26/81 | Perforate 4 squeeze holes @ 1700'; squeeze w/700 sacks circulate 250 sacks cement to surface. | | | | | | |
| | 1/25/94 | Run MIT, held OK | | | | | | |
| | 5/8/01 | Set 4-1/2" CIBP @ 6086' | | | | | | |
| | | Temporarily Abandon | | | | | | |

Formation Tops:

| | |
|--------------|-------|
| Rustler | 1630' |
| Top Salt | 1775' |
| Yates | 2902' |
| Seven Rivers | 3065' |
| Base Salt | |
| Queen | 3729' |
| Grayburg | |
| San Andres | 4342' |
| Glorieta | 6001' |
| Paddock | 6132' |

ConocoPhillips Company
Vacuum Glorieta East Unit 26-01
API #30-025-20883
Vacuum Glorieta Field
Lea County, New Mexico

Proposed Plugging Procedure

See attached wellbore diagrams for wellbore configuration

Casings: 8⁵/₈" 24 & 36# casing @ 1,627' cmt'd w/ 1,450 sx, circulated
 4¹/₂" 9.5# casing @ 6,237' cmt'd w/ 870 sx, TOC @ 2,780' by T.S.
Perforations: 6,132 –6,172' (Glorieta)
 TA'd w/ CIBP @ 6,086' (set 05/08/01)
Tubulars: none

- Contact NM Digtess (1-800-321-2537) minimum 48 hrs prior to move-in
- Verify anchors tested within last two years
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Document daily tailgate safety meetings w/ crews
- Observe ConocoPhillips 10 – 2 – 4 work break program

2³/₈" tubing capacity = 0.00387 bbls/ft
 4¹/₂" 9.50# casing capacity = 0.0162 bbls/ft = 10.960 ft/ft³
 8⁵/₈" 24# casing capacity = 0.0636 bbls/ft = 2.797 ft/ft³

1. Set steel pit and flow down well as needed.
2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.

| HAZARDS | EFFECT | SOLUTIONS |
|-------------------------------|--|--|
| Rigging up Plugging Equipment | <i>Injury to Personnel</i> | <ul style="list-style-type: none"> • Check for overhead obstructions • Observe Safety procedures while rigging up • JSA |
| Lifting/Moving heavy equip. | <i>Injury to Personnel</i> | <ul style="list-style-type: none"> • Inspect and use rated chains/slugs • Proper hook/shackle placement |
| Static Electricity | <i>Injury to Personnel and Equipment</i> | <ul style="list-style-type: none"> • Ground Rig to Well-Bore |
| H ₂ S | <i>Injury to Personnel</i> | <ul style="list-style-type: none"> • Monitoring equipment • Safety Plan • Emergency Contacts • All on site H2S Trained |

3. RIH w/ 2³/₈" workstring tubing, tag CIBP @ ~6,086'. RU cementer and displace hole w/ 100 bbls plugging mud (casing capacity 98 bbls). Pump 25 sx C cmt 6,086 – 5,725' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4¹/₂" 9.50# casing), displacing w/ 22 bbls mud. PUH laying down tubing to 4,342'.

| HAZARDS | EFFECTS | SOLUTIONS |
|-----------------------|---|--|
| Running tubing | <i>Injury to Personnel, Equipment & Well-Bore</i> | <ul style="list-style-type: none"> • Proper pipe handling practices • check Slips/Tongs/Elevators |
| Mixing Plugging Mud | <i>Health Hazard</i> | <ul style="list-style-type: none"> • Proper PPE • Respiratory Protection |
| High pressure Pumping | <i>Injury to Personnel and Environmental Issues</i> | <ul style="list-style-type: none"> • Establish & Use Safe Area • Inspect all hoses/connections |

- Load hole w/ plugging mud and pump 25 sx C cmt 4,342 - 3,981' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4½" 9.50# casing) displacing w/ 15 bbls plugging mud. PUH laying down tubing to 2,900'. **San Andres plug**
- Load hole w/ plugging mud and pump 25 sx C cmt 2,900 - 2,539' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4½" 9.50# casing) displacing w/ 9.5 bbls plugging mud. POOH standing back 1,200' and laying down remainder. **Yates & Base of Salt plug**

| HAZARDS | EFFECTS | SOLUTIONS |
|-----------------------|---|--|
| Laying down tubing | <i>Injury to Personnel</i> | <ul style="list-style-type: none"> • Proper pipe handling practices • check Slips/Tongs/Elevators |
| Fall from Height | <i>Injury to Personnel</i> | <ul style="list-style-type: none"> • 100% Tie-Off in derrick • Platforms w/Rails even consider if less than 4' |
| Mixing Plugging Mud | <i>Health Hazard</i> | <ul style="list-style-type: none"> • Proper PPE • Respiratory Protection |
| High pressure Pumping | <i>Injury to Personnel and Environmental Issues</i> | <ul style="list-style-type: none"> • Establish & Use Safe Area • Inspect all hoses/connections |

- RU & test lubricator to 1,500 psi. RIH w/ wireline & perforate 4½" casing @ 1,775'. POOH w/ wireline. RD lubricator.

| HAZARDS | EFFECTS | SOLUTIONS |
|--------------------|--|---|
| Fall lanes | <i>Injury to Personnel</i> | <i>Rig-up outside of Anchors, 50' from well-bore</i> |
| Static Electricity | <i>Pre-Detonation of Explosives, Injury to Personnel and Equipment</i> | <i>Ground Wireline to well-bore</i> |
| Explosive Guns | <i>Injury to Personnel and Equipment</i> | <ul style="list-style-type: none"> • Ensure there is no power source while assembling • wire detonator to wireline first - then to charge |

- RIH w/ packer to ~1,200'. Load hole w/ plugging mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 50 sx C cmt w/ 2% CaCl₂ 1,775 – 1,527' (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 195' in 7⅞" open hole) displacing w/ 9.5 bbls (tubing volume = 4.6 bbls). WOC & tag this plug no lower than 1,527'. POOH w/ packer standing back 400' and laying down remainder. **Top of Salt & Surface casing shoe plug**

| HAZARDS | EFFECTS | SOLUTIONS |
|--------------------------|--|--|
| Mixing CaCl ₂ | <i>Health Hazard Inhalation Chemical burn</i> | <ul style="list-style-type: none"> • Refer to MSDS • Proper PPE |
| High pressure Pumping | <i>Injury to Personnel, Equipment and Environmental Issues</i> | <ul style="list-style-type: none"> • Establish & Use Safe Area • Inspect all hoses/connections |

- ND BOP and RIH w/ tubing to 400'. Circulate 30 sx C cmt 400' to surface (1.32 ft³/sk yield, 13.2 ft³ slurry volume, calculated fill 434' in 4½" 9.50# casing). **Freshwater & surface plug**

9. RDMO location.

| HAZARDS | EFFECTS | SOLUTIONS |
|-------------------------|---|---|
| Lowering Derrick | <i>Injury to Personnel & Equipment Pinch points</i> | <ul style="list-style-type: none"> • JSA • <u>Bleed air from raising cylinder</u> |
| Loose Equipment | <i>Injury to Personnel and Vehicles</i> | <ul style="list-style-type: none"> • Secure all loose equipment • Vehicle Inspections prior to movement |

10. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

| HAZARDS | EFFECTS | SOLUTIONS |
|---------------------------------|---|--|
| Explosive Atmospheres | <i>Injury to personnel and Equipment Damage</i> | <ul style="list-style-type: none"> • Digtess • Excavation & Hot Work Permits • Monitor Atmosphere |
| Cutting/Capping Wellhead | <i>Injury to Personnel</i> | <ul style="list-style-type: none"> • Secure wellhead • on site helper watching area |
| Grass/Brush Fires | <i>Injury to Personnel, Equipment & Land</i> | <ul style="list-style-type: none"> • Clear area w/backhoe • Fire watch • Emergency Contacts |

PROPOSED PLUGGED WELLBORE SKETCH **ConocoPhillips Company -- Permian Basin Business Unit**

Date August 14, 2008

RKB @ 3947'
 DF @ 3946'
 GL @ 3935'

Subarea Buckeye
 Lease & Well No Vacuum Glorieta East Unit, Tract 26 Well No 1
 Legal Description 990' FNL & 330' FWL, Sec 27, T-17-S, R-35-E, UL "D"
 County Lea State New Mexico
 Field Vacuum Glorieta
 Date Spudded 6/25/64 Rig Released 7/17/64
 API Number 30-025-20883
 Status **PROPOSED PLUGGED**
 Drilled as State 5-27 No. 8 State O&G Lse No. B-1839-1

Circulate 30 sx C cmt 400' to surface

Stimulation History:

| Interval | Date | Type | Gals | Lbs. Sand | Max Press | ISIP | Max Rate | Max Down |
|--------------------------------------|----------|--|-------|-----------|-----------|------|----------|----------|
| 12 1/4" hole | 7/21/64 | Perforate 6132'-6172', 1 JSPF (select fire) | | | | | | |
| 6132-6172 | 7/23/64 | Acid | 1,000 | | 2700 | 2200 | | |
| | | IPF 82 BO, 0 BW | | | | | | |
| 6132-6172 | 12/17/70 | 15% NE HCl | 2,000 | | | | | |
| | 8/26/81 | Perforate 4 squeeze holes @ 1700'; squeeze w/700 sacks | | | | | | |
| | | circulate 250 sacks cement to surface. | | | | | | |
| 8-5/8" 32# & 24# @ 1627' | 1/25/94 | Run MIT, held OK | | | | | | |
| Cmt'd w/ 1450 sx lead cmt, circ | 5/8/01 | Set 4-1/2" CIBP @ 6086' | | | | | | |
| TOC @ Surface | | Temporarily Abandon | | | | | | |
| Casing Leak @ 1700' - Sqz'd w/700 sx | | | | | | | | |
| Top Salt @ ~ 1775' | | | | | | | | |

Perf & Sqz 50 sx C cmt 1,775 - 1,527' WOC/TAG

TOC 4-1/2" Csg @ 2780' (T.S.)

Base of Salt @ ~2,800'

25 sx C cmt 2,900 - 2,539'

| | | |
|----|------|----------------|
| 30 | 39 6 | -434 016 |
| 25 | 33 0 | -361 68 |
| 25 | 6086 | <u>5724.32</u> |
| 25 | 4342 | <u>3980.32</u> |
| 25 | 2900 | <u>2538.32</u> |

25 sx C cmt 4,342 - 3,980'

25 sx C cmt 6,086 - 5,725'

Tag PBTD, circulate plugging mud

4-1/2" CIBP @ 6086'

Glorieta

6132' - 6144'

6148' - 6156'

6168' - 6172'

7-7/8" Hole

4-1/2" 9 5# J-55 @ 6237'

Cmt'd w/870 sx cement

TOC @ 2780' (T S)

Formation Tops:

| | |
|--------------|-------|
| Rustler | 1630' |
| Top Salt | 1775' |
| Yates | 2902' |
| Seven Rivers | 3065' |
| Base Salt | |
| Queen | 3729' |
| Grayburg | |
| San Andres | 4342' |
| Glorieta | 6001' |
| Paddock | 6132' |



PROPOSED PLUGGING PROCEDURE

- 1) Tag PBTD, circulate plugging mud
- 2) 25 sx C cmt 6,086 - 5,725'
- 3) 25 sx C cmt 4,342 - 3,980'
- 4) 25 sx C cmt 2,900 - 2,539'
- 5) Perf & Sqz 50 sx C cmt 1,775 - 1,527' WOC/TAG
- 6) Circulate 30 sx C cmt 400' to surface

Capacities

| | | |
|------------------|---------------|---------------|
| 4 1/2" 9 50# csg | 10 960 ft/ft3 | 0 0912 ft3/ft |
| 8 5/8" 24# csg | 2 797 ft/ft3 | 0 3575 ft3/ft |
| 7 7/8" openhole | 2 957 ft/ft3 | 0 3382 ft3/ft |
| 12 1/4" openhole | 1 222 ft/ft3 | 0 8185 ft3/ft |

PBTD 6086'
 TD 6240'