

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
March 4, 2004

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

WELL API NO. 30-025-00644
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 058698A
7. Lease Name or Unit Agreement Name MCA Unit
8. Well Number 82
9. OGRID Number 217817
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 ☐ Gas Well ☐ Other ☒ **Injector**

2. Name of Operator

ConocoPhillips Company Attn: Celeste Dale

3. Address of Operator

4001 Penbrook Street Odessa, Texas 79762

4. Well Location

Unit Letter **N** : **660** feet from the **South** line and **1980** feet from the **West** line

Section **23** Township **17S** Range **32E** NMPM County **Lea**

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

GL 3,981'

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL **N** Sect **23** Twp **17S** Rng **32E** Pit type **Steel** Depth to Groundwater **70'** Distance from nearest fresh water well **2-1/2 mile**

Distance from nearest surface water **2-1/2 mile**. Below-grade Tank Location UL Sect Twp Rng ;

feet from the line and feet from the line

Using Steel Pit

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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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

See Attached plugging procedure.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

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



TITLE

Senior Engineer Technician

DATE

6/14/04

Type or print name

Tim L. Chase

E-mail address: Jim@TriplenServices.com

Telephone No. (432) 570-0029

(This space for State use)

APPROVED BY



TITLE

Conditions of approval, if any

OC FIELD REPRESENTATIVE II/STAFF MANAGER

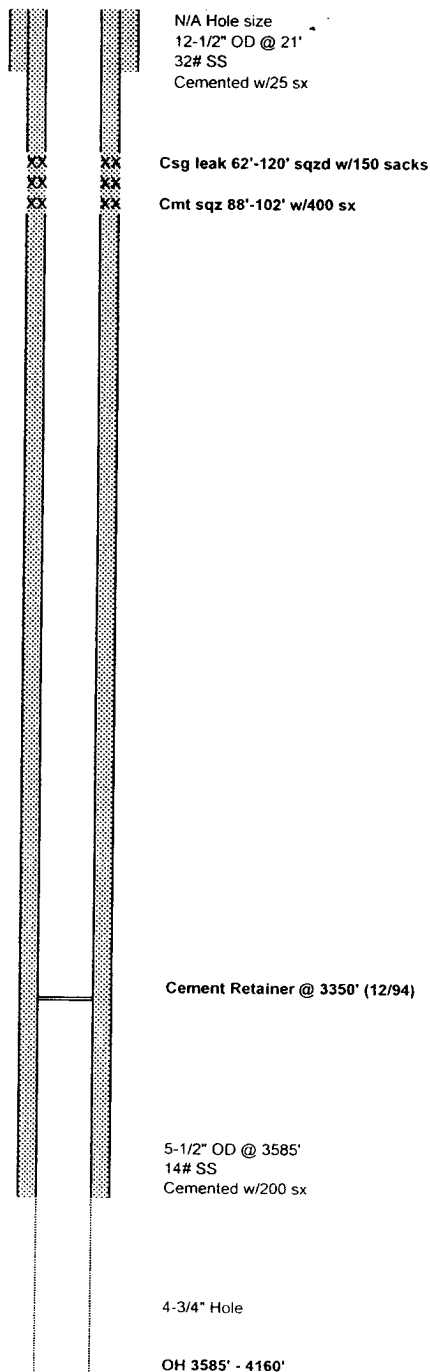
JUN 22 2004

DATE

CURRENT WELLBORE SKETCH
ConocoPhillips Company – Permian Basin Business Unit

Date: May 16, 2004

RKB @ 3988'
 DF @ 3987'
 GL @ 3981'



Subarea : Maljamar
 Lease & Well No. : MCA Unit No. 82
 Legal Description : 660' FSL & 1980' FWL, Sec. 23, T-17-S, R-32-E
 County : Lea State : New Mexico
 Field : Maljamar (GB/SA)
 Date Spudded : December 31, 1939 IPP:
 API Number : 30-025-00644
 Status: _____
 Drilled as Miller-A No. 5

Stimulation History:

<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	<u>Lbs.</u> <u>Sand</u>	<u>Max</u> <u>Press</u>	<u>ISIP</u>	<u>Max</u> <u>Rate</u>	<u>Down</u>
DRILLED WITH CABLE TOOLS								
3850-4050	2/26/40	Nitroglycerin	500 Quarts					
	8/22/47	Deepen from 4065' to 4146'						
4088-4104	8/29/47	Nitroglycerin	40 Quarts					
3935-4012	8/30/47	Nitroglycerin	200 Quarts					
	5/15/58	Cement plug 4058-4110 w/40 sx						
	5/17/58	Cmt 30 sx 4098						
	5/19/58	Cmt 40 sx 4083'; TOC 4043'						
	6/20/69	CO and deepen 4-3/4" hole 4146-4160'						
	6/23/69	Convert to water injection, Baker AD-1 @ 3562'						
		Inject 750 BWPD @ 1300 psi						
	2/23/79	Replaced packer set @ 3490'						
	9/14/83	CO w/coil tubing, ran injection survey, fluid migrating up behind pipe						
	2/26/85	Cmt squeeze 88'-102' w/400 sx, run PC tbg						
OH 3585-4160	2/26/85	15% HCl NEFE	2,600					
	7/20/89	Casing leak 62' - 120' squeezed w/150 sacks						
	7/24/89	Tst sqz to 500#, held						
		CO to 180', GIH w/Guib Uni VI Pkr @ 3352' and IPC 2-38" tbg						
	4/18/90	Repair tubing leak						
	6/21/90	Change out pkr w/Otis Interlock pkr @ 3351' 1.71 Profile						
OH 3585-4160	11/30/90	15% Acid	672					
		Set Interlock Pkr @ 3349', 2-3/8" F.G. tbg						
	12/26/90	Run Caliper survey, Inj. Profile and Temp Survey						
		Major losses 3568'-3590' and 4075'-4105'						
		No channel indicated or packer leak						
	2/20/92	Archeological Clearance Report						
	12/8/94	RIH w/scrapper, tag btm @ 3357'. POOH w/tbg and scrapper.						
		Set cement retainer @ 3350', circ pkr fluid, press up to 700# on csg, no leaks.						
		TEMPORARILY ABANDON						
	5/16/04	Recommend evaluating Queen for uphole potential or plug and abandonment. Sundry Notice expires 12/21/04.						

Formation Tops:

PBTD: 3350'
 OTD: 4050'
 NTD: 4160'

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #82

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

TA'd (12/94) w/ CICR (no cement cap) @ 3,350'; 5½" casing @ 3,585' w/ isolated Open Hole 3,585 – 4,160';

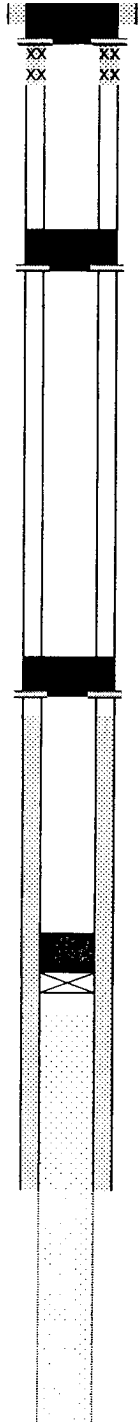
- Notify OCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
 - 4½" casing leaks successfully squeezed @ 62 – 120'
1. Set steel pit and flow down well as needed. Deliver 3,500' 2¾" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ workstring, tag CICR @ 3,350'. Circulate hole w/ plugging mud and pump 25 sx C cement on CICR to 3,250'. POOH w/ workstring. **GBSA Plug**
 4. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 2,015'. POOH w/ wireline, RD lubricator.
 5. RIH w/ workstring to 2,015'. Circulate hole w/ plugging mud and pump 35 sx C cement w/ 2% CaCl₂ @ 2,015 – 1,915'. POOH w/ workstring. **Base of Salt Plug – WOC & TAG.**
 6. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 775'. POOH w/ wireline, RD lubricator.
 7. PUH w/ workstring to 775'. Circulate hole w/ plugging mud and pump 35 sx C cement w/ 2% CaCl₂ @ 775 – 675'. POOH w/ workstring. **Top of Salt Plug – WOC & TAG**
 8. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 50'. POOH w/ wireline, RD lubricator.
 9. ND wellhead and NU BOP, establish circulation and circulate 25 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.

→ SPOT 100' PLUG F/ 400' - 300' FW

PROPOSED WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: June 14, 2004

RKB @ 3988'
 DF @ 3987'
 GL @ 3981'



12-1/2" 32# SS @ 21" w/25 sx
 4) 25 sx C cmt 50' - Surface
 Csg leak 62'-120' sqzd w/150 sacks
 Cmt sqz 88'-102' w/400 sx

3) 35 sx C cmt 775 - 675'
 Top of Salt - TAG

2) 35 sx C cmt 2,015 - 1,915'
 Base of Salt - TAG
 TOC @ 2,061' By Calc

1) 25 sx C cmt on CICR 3,350 - 3,250'
 Cement Retainer @ 3350' (12/94)

5-1/2" 14# SS OD @ 3585' w/200 sx

4-3/4" Open Hole

OH 3585' - 4160'

PBD: 3350'
 OTD: 4050'
 NTD: 4160'

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 7/20/89 Casing leak 62' - 120' squeezed w/150 sacks
 Set cement retainer @ 3350', circ pkr fluid, press up to 700#
 on csg, no leaks.
 TEMPORARILY ABANDON
 5/16/04 Recommend evaluating Queen for uphole potential or
 plug and abandonment. Sundry Notice expires 12/21/04.



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cement on existing CICR, Balanced @ 3,350 - 3,250'
- 2) 35 sx C cement plug, Squeezed Under Packer @ 2,015 - 1,915' TAG
- 3) 35 sx C cement plug, Squeeze Under Packer @ 775 - 675' TAG
- 4) 25 sx C cement plug, Squeeze @ 50' - Surface