



C-108 Review Checklist:

Received

10/10/13 Area Permit

Add. Request:

Reply Date:

Suspended:

[Ver 11]

PERMIT TYPE: WFX / PMX / SWD Number: 918

Permit Date: 01/03/14

Legacy Permits/Orders: R-2403

Well No. 451

Well Name(s):

MCA Unit

[Maljamar Cooperative Agreement]

as amended

API: 30-0

25-41391

Spud Date:

TBD

New or Old:

New

(UIC Class II Primacy 03/07/1982)

Footages

1365 FN / 2180 FEL

Lot:

Unit

G

Sec

26

Tsp

17S

Rge

32E

County

Lea

General Location:

East of MCA 456 (also new)

Pool:

Maljamar Grayburg SA

Pool No.:

43329

Operator:

ConocoPhillips Co.

OGRID:

217817

Contact:

Susan Maunders

COMPLIANCE RULE 5.9:

Inactive Wells:

3

Total Wells:

4593

Fincl Assur:

Yes

Compl. Order?

No

IS 5.9 OK?

Yes

Well File Reviewed

Current Status:

APD approved

Well Diagrams:

NEW: Proposed

RE-ENTER:

Before Conv.

After Conv.

Are Elogs in Imaging?:

No

logging

for

perf

selection

Planned Rehab Work to Well:

NA

Well Construction Details:		Sizes (in)	Setting	Cement	Cement Top and
		Borehole / Pipe	Depths (ft)	St or Cf	Determination Method
Planned ___ or Existing ___	Conductor	—	—	—	—
Planned ___ or Existing ___	Surface	12 1/4 / 8 5/8	0 to 1068	500	Circulate to surf.
Planned ___ or Existing ___	Interm/Prod	7 7/8 / 5 1/2	0 to 4490	750	Circulate to surf.
Planned ___ or Existing ___	Prod/Interm	—	—	—	—
Planned ___ or Existing ___	Liner/Prod	—	—	—	—
Planned ___ or Existing ___	OH / PERF	7 7/8 / 5 1/2	4000 - 4300	Inj Length 300	Completion/Operation Details:
Injection Stratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops?	Drilled TD
Adjacent Unit:	Litho. Struc. Por.		7-Rivers	2704	PBTD
Confining Unit:	Litho. Struc. Por.		Queen	3352	NEW TD
Proposed Inj Interval TOP:		4000	Grayburg	4000	NEW PBTD
Proposed Inj Interval BOTTOM:		4300	San Andres	4100	NEW Open Hole
Confining Unit:	Litho. Struc. Por.		Giorietta	—	NEW Perfs
Adjacent Unit:	Litho. Struc. Por.		Paddock	—	Tubing Size

AOR: Hydrologic and Geologic Information

POTASH: R-111-P Noticed? NA BLM Sec Ord NA WIPP Noticed? NA SALADO: T: — B: — CLIFF HOUSE NA

FRESH WATER: Formation Ogallala Max Depth >200' Wells? No FW Analysis HYDROLOGIC AFFIRM By Qualified Person

Disposal Fluid: Formation Source(s) Produced MCA Unit water Analysis? Previous On Lease Operator Only or Commercial

Disposal Interval: Injection Rate (Avg/Max BWPD): 500/1500 Protectable Waters: No CAPITAN REEF: thru adj NA

HC Potential: Producing Interval? Yes Formerly Producing? Yes Method: Logs/DST/P&A/Other Water flood 2-Mile Radius Pool Map NA

AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: Total 154 wells Horizontals? 0

Penetrating Wells: No. Active Wells Num Repairs? 0 on which well(s)? Additional wells Diagrams? Yes

Penetrating Wells: No. P&A Wells Num Repairs? 0 on which well(s)? not in prior orders Diagrams? Yes

NOTICE: Newspaper Date 09/27/13 Mineral Owner BLM Surface Owner BLM SLO N. Date 10/7/13

RULE 26.7(A): Identified Tracts? Yes Affected Persons: 26 identified in list of Attachment #9 N. Date 10/7/10/8

Permit Conditions: Issues: None

Add Permit Cond: None

**C-108 Review Checklist:**

Received

10/10/13

Add. Request: —

Reply Date: —

Suspended: —

[Ver 11]

PERMIT TYPE: WFX / PMX / SWD Number: 918Permit Date: 01/03/14Legacy Permits/Orders: R-2403Well No. 456Well Name(s): MCA UnitAPI: 30-0 25-41392Spud Date: TBPNew or Old: New

(UIC Class II Primacy 03/07/1982)

Footages 1780 FNL / 280 FWL

Lot —

Unit ESec 26Tsp 17SRge 37ECounty LeaGeneral Location: West of MCA 451 (new well)Pool: Maljamar; GR-SA

Pool No.: —

Operator: ConocoPhillips

OGRID: —

Contact: —

COMPLIANCE RULE 5.9: Inactive Wells: —

Total Wells: —

Fincl Assur: —

Compl. Order? —

IS 5.9 OK? OKWell File Reviewed ☒Current Status: APD approvedWell Diagrams: NEW: Proposed ☒RE-ENTER: Before Conv. ☐After Conv. ☐Are Elogs in Imaging?: No/ logging for perf selectionPlanned Rehab Work to Well: NA

Well Construction Details:		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned ☐ or Existing ☐ Conductor	—	—	—	—	—
Planned ☒ or Existing ☐ Surface	12 1/4 / 8 5/8	0 to 1000	Stage Tool	500	Cir. to Surface
Planned ☒ or Existing ☐ Intern/Prod	7 7/8 / 5 1/2	0 to 4390	No	750	Cir. to Surface
Planned ☐ or Existing ☐ Prod/Interm	—	—	—	—	—
Planned ☐ or Existing ☐ Liner/Prod	—	—	—	—	—
Planned ☒ or Existing ☐ OH / PERF	7 7/8 / 5 1/2	3900 - 4200	Inj Length 300	—	—

Injection Stratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops?	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.	—	—	7-Rivers	2629	Drilled TD — PBDT —
Confining Unit: Litho. Struc. Por.	—	—	Queen	3264	NEW TD <u>4400</u> NEW PBDT <u>4345</u>
Proposed Inj Interval TOP:	3900	3900	Grayburg	3900	NEW Open Hole ☐ or NEW Perfs ☒
Proposed Inj Interval BOTTOM:	4200	4200	Sandstone	4050	Tubing Size <u>2 3/8</u> in. Inter Coated? <u>Yes</u>
Confining Unit: Litho. Struc. Por.	—	—	Glorieta	—	Proposed Packer Depth <u>within 100'</u> ft
Adjacent Unit: Litho. Struc. Por.	—	—	Paddock	—	Min. Packer Depth <u>3800</u> (100-ft limit)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P ☒ Noticed? NA BLM Sec Ord NA WIPP ☒ Noticed? NA SALADO: T: — B: — CLIFF HOUSE NA

FRESH WATER: Formation Gallula Max Depth 2200' Wells? Yes FW Analysis ☒ HYDROLOGIC AFFIRM By Qualified Person ☒

Disposal Fluid: Formation Source(s) See MCA Unit #51 Analysis? Yes On Lease ☒ Operator Only ☐ or Commercial ☐

Disposal Interval: Injection Rate (Avg/Max BWPD): 500/1500 Protectable Waters: No CAPITAN REEF: thru ☐ adj ☐ NAO ☒

HC Potential: Producing Interval? Yes Formerly Producing? Yes Method: Logs/DST/P&A/Other Logs 2-Mile Radius Pool Map ☒

AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: — Horizontals? No

Penetrating Wells: No. Active Wells — Num Repairs? 0 on which well(s)? — Diagrams? Yes

Penetrating Wells: No. P&A Wells — Num Repairs? 0 on which well(s)? New Wells not found in prior orders Diagrams? Yes

NOTICE: Newspaper Date — Mineral Owner See MCA Unit #451 Surface Owner — N. Date —

RULE 26.7(A): Identified Tracts? — Affected Persons: — N. Date —

Permit Conditions: Issues: NoneAdd Permit Cond: None



C-108 Review Checklist:

Received 10/10/13

Add. Request: —

Reply Date: 11/11/13

Suspended: —

[Ver 11]

PERMIT TYPE: WFX / PMX / SWD Number: 918

Permit Date: 01/03/14

Legacy Permits/Orders: R-2403

Well No. 507

Well Name(s): MCA Unit

API: 30-0 25-41395

Spud Date: TBD

New or Old: New (UIC Class II Primacy 03/07/1982)

Footages 1225 FSL / 2045 FEL Lot — Unit 0 Sec 22 Tsp 17S Rge 32E County Lea

General Location: —

Pool: Maljamar; GR-SA

Pool No.: —

Operator: ConocoPhillips

Sec MCA Unit #451

OGRID: —

Contact: —

COMPLIANCE RULE 5.9: Inactive Wells: —

Total Wells: —

Fincl Assur: —

Compl. Order? —

IS 5.9 OK? —

Well File Reviewed ☒

Current Status: APD approved

Well Diagrams: NEW: Proposed ☒RE-ENTER: Before Conv. ☐After Conv. ☐

Are Elogs in Imaging?: No - well suite to set perfs

Planned Rehab Work to Well: NA

Well Construction Details:		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned ☐ or Existing ☐ Conductor						
Planned ☒ or Existing ☐ Surface		12 1/4 / 8 5/8	0 to 909		500	Cir. to surf.
Planned ☒ or Existing ☐ Intern/Prod		7 7/8 / 5 1/2	0 to 4315	No	750	Cir. to surf.
Planned ☐ or Existing ☐ Prod/Intern						
Planned ☐ or Existing ☐ Liner/Prod						
Planned ☒ or Existing ☐ OH / PERF		7 7/8 / 5 1/2	3800-4100	Inj Length 300'		

Injection Stratigraphic Units:				Completion/Operation Details:	
Depths (ft)	Injection or Confining Units	Tops?	Drilled TD	PBTD	
Adjacent Unit: Litho. Struc. Por.	7-Rivers	2486	NEW TD 4325	NEW PBTD 4270	
Confining Unit: Litho. Struc. Por.	Queen	3120	NEW Open Hole ☐ or NEW Perfs ☒		
Proposed Inj Interval TOP:	Grayburg	3800	Packing Size 2 3/8 in.	Inter Coated? Yes	
Proposed Inj Interval BOTTOM:	San Andres	3900	Proposed Packer Depth < 100 ft		
Confining Unit: Litho. Struc. Por.	Gabieta		Min. Packer Depth 3700 (100-ft limit)		
Adjacent Unit: Litho. Struc. Por.	Paddock		Proposed Max. Surface Press. 2150 psi		
			Admin. Inj. Press. R-2403-B (0.2 psi per ft)		

AOR: Hydrologic and Geologic Information

POTASH: R-111-P ☒ Noticed? NA BLM Sec Ord ☒ WIPP ☒ Noticed? NA SALADO: T: — B: — CLIFF HOUSE NA

FRESH WATER: Formation Ogallala Max Depth — Wells? No FW Analysis ☐ HYDROLOGIC AFFIRM By Qualified Person ☒

Disposal Fluid: Formation Source(s) Produced water from MCA Unit Analysis? — On Lease ☒ Operator Only ☐ or Commercial ☐

Disposal Interval: Injection Rate (Avg/Max BWPD): 500/1500 Protectable Waters: No CAPITAN REEF: thru ☐ adj ☐ NA ☒

HC Potential: Producing Interval? Yes Formerly Producing? Yes Method: Logs/DST/P&A/Other Waterflood 2-Mile Radius Pool Map ☐

AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: — Horizontals? ☒

Penetrating Wells: No. Active Wells — Num Repairs? ☒ on which well(s)? New wells not found in prior orders Diagrams? Yes

Penetrating Wells: No. P&A Wells — Num Repairs? ☒ on which well(s)? Diagrams? Yes

NOTICE: Newspaper Date — Mineral Owner — Surface Owner — N. Date —

RULE 26.7(A): Identified Tracts? — Affected Persons: — See MCA Unit #451 N. Date —

Permit Conditions: Issues: None

Add Permit Cond: None



C-108 Review Checklist:

Received

10/10/13

Add. Request: —

Reply Date: 11/14/13

Suspended: —

[Ver 11]

PERMIT TYPE: WFX / PMX / SWD

Number: 918

Permit Date: 01/03/14

Legacy Permit: —

Orders: —

Return R-2403

Well No. 513

Well Name(s):

MCA Unit

API: 30-0

25-41399

Spud Date: TBD

New or Old: New

(UIC Class II Primacy 03/07/1982)

Footages

1510 FSL / 2180 FEL

Lot: —

Unit: J

Sec: 27

Tsp: 17S

Rge: 32E

County: Lea

General Location:

SE of MCA Unit #456

Pool:

Malsamar GR-SA

Pool No.: —

Operator:

Conoco Phillips

See

MCA Unit #451

OGRID: —

Contact: —

COMPLIANCE RULE 5.9: Inactive Wells: —

Total Wells: —

Fincl Assur: —

Compl. Order? —

IS 5.9 OK? —

Well File Reviewed

Current Status:

APD approved

Well Diagrams: NEW: Proposed

RE-ENTER: Before Conv.

After Conv.

Are Elogs in Imaging?:

No - logging to determine perf selection

Planned Rehab Work to Well:

NA

Well Construction Details:		Sizes (in)	Setting	Cement	Cement Top and
		Borehole / Pipe	Depths (ft)	St or Cf	Determination Method
Planned ___ or Existing ___	Conductor	—	—	—	—
Planned ___ or Existing ___	Surface	12 1/4 / 8 5/8	0 to 1015	500	Cir. to Surf.
Planned ___ or Existing ___	Interm/Prod	7 7/8 / 5 1/2	0 to 4450	750	Cir. to Surf.
Planned ___ or Existing ___	Prod/Interm	—	—	—	—
Planned ___ or Existing ___	Liner/Prod	—	—	—	—
Planned ___ or Existing ___	OH / PERF	7 7/8 / 5 1/2	3950 - 4250	300	—
Injection Stratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops?	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.	—	—	7 Rivers	2676	Drilled TD — PBSD —
Confining Unit: Litho. Struc. Por.	—	—	Queen	3316	NEW TD 4460 NEW PBSD 4405
Proposed Inj Interval TOP:	3950	Grayburg	3150	3150	NEW Open Hole ___ or NEW Perfs ___
Proposed Inj Interval BOTTOM:	4250	San Andres	4100	4100	Tubing Size 2 3/8 in. Inter Coated? Yes
Confining Unit: Litho. Struc. Por.	—	Glorieta	—	—	Proposed Packer Depth within 100 ft
Adjacent Unit: Litho. Struc. Por.	—	Padlock	—	—	Min. Packer Depth < 100 (100-ft limit)
AOR: Hydrologic and Geologic Information					Proposed Max. Surface Press. 2150 psi
POTASH: R-111-P	Noticed? NA	BLM Sec Ord	NA	WIPP	Noticed? NA
FRESH WATER: Formation	Grayburg	Max Depth	300'	Wells?	No
Disposal Fluid: Formation Source(s)	Unit produced water	Analysis?	Yes	On Lease	Operator Only ___ or Commercial ___
Disposal Interval: Injection Rate (Avg/Max BWPD):	500/1500	Protectable Waters:	No	CAPITAN REEF: thru	adj ___ NA ___
HC Potential: Producing Interval?	Yes	Formerly Producing?	Yes	Method: Logs/DST/P&A/Other	water flood
AOR Wells: 1/2-M Radius Map?	Yes	Well List?	Yes	Total No. Wells Penetrating Interval:	Horizontals? No
Penetrating Wells: No. Active Wells	—	Num Repairs?	0	on which well(s)?	New wells not in past orders AOR
Penetrating Wells: No. P&A Wells	—	Num Repairs?	0	on which well(s)?	Diagrams? Yes
NOTICE: Newspaper Date — Mineral Owner — Surface Owner — N. Date —					Diagrams? Yes
RULE 26.7(A): Identified Tracts? — Affected Persons: — See MCA Unit #451 — N. Date —					

Permit Conditions: Issues:

None

Add Permit Cond:

None



C-108 Review Checklist:

Received

10/10/13

Add. Request: —

Reply Date: 11/11/13

Suspended: —

[Ver 11]

PERMIT TYPE: WFX/PMX/SWD Number: 918

Permit Date: 01/03/14

Legacy Permits/Orders: —

Return # 2403

Well No. 510

Well Name(s):

MCA Unit

API: 30-0

25-41396

Spud Date: TBD

New or Old: New

(UIC Class II Primacy 03/07/1982)

Footages

2055 FSL/1310 FEL

Lot

Unit 1

Sec 22

Tsp 17S

Rge 32 E

County Lea

General Location:

NE of Unit #507 (new)

Pool:

Maljamar, GR-SA

Pool No.: —

Operator:

ConocoPhillips

See MCA Unit #451

OGRID: —

Contact: —

COMPLIANCE RULE 5.9: Inactive Wells: —

Total Wells: —

Fincl Assur: —

Compl. Order? —

IS 5.9 OK? —

Well File Reviewed

Current Status:

APD approved

Well Diagrams: NEW: Proposed

RE-ENTER: Before Conv.

After Conv.

Are Elogs in Imaging?:

No to be used for perf. selection

Planned Rehab Work to Well:

NA

Well Construction Details:		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing ___	Conductor	—	—	—	—	—
Planned ___ or Existing ___	Surface	12 1/4 / 8 5/8	0 to 420	—	500	cir. to surf.
Planned ___ or Existing ___	Intern/Prod	7 7/8 / 5 1/2	0 to 4335	No	750	Gr. to surf.
Planned ___ or Existing ___	Prod/Intern	—	—	—	—	—
Planned ___ or Existing ___	Liner/Prod	—	—	—	—	—
Planned ___ or Existing ___	OH / PERF	7 7/8 / 5 1/2	3850 to 4100	Inj Length 250'	—	—
Injection Stratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops?	Completion/Operation Details:	
Adjacent Unit: Litho. Struc. Por.			7-Rivers	2491	Drilled TD — PBDT —	
Confining Unit: Litho. Struc. Por.			Open	3135	NEW TD 4345 NEW PBDT 4290	
Proposed Inj Interval TOP:		3850	Grayburg	3850	NEW Open Hole ___ or NEW Perfs ___	
Proposed Inj Interval BOTTOM:		4100	San Andres	3950	Tubing Size 2 3/8 in. Inter Coated? Yes	
Confining Unit: Litho. Struc. Por.			Glorieta		Proposed Packer Depth <100 ft	
Adjacent Unit: Litho. Struc. Por.			Paddock		Min. Packer Depth 3750 (100-ft limit)	
AOR: Hydrologic and Geologic Information					Proposed Max. Surface Press. 2150 psi	
POTASH: R-111-P NA					Admin. Inj. Press. 2403-B (0.2 psi per ft)	
FRESH WATER: Formation — Max Depth — Wells? — FW Analysis —					CLIFF HOUSE NA	
Disposal Fluid: Formation Source(s) MCA Unit Produced Water					HYDROLOGIC AFFIRM By Qualified Person	
Disposal Interval: Injection Rate (Avg/Max BWPD): 500/1500					Protectable Waters: No	
HC Potential: Producing Interval? Yes					CAPITAN REEF: thru ___ adj ___ NA	
Formerly Producing? Yes					Method: Logs/DST/P&A/Other Water flood	
AOR Wells: 1/2-M Radius Map? Yes					Well List? Yes	
Total No. Wells Penetrating Interval: —					Horizontals? 0	
Penetrating Wells: No. Active Wells —					Num Repairs? 0	
on which well(s)? —					Diagrams? Yes	
Penetrating Wells: No. P&A Wells —					Num Repairs? 0	
on which well(s)? —					Diagrams? Yes	
NOTICE: Newspaper Date — Mineral Owner — Surface Owner — N. Date —						
RULE 26.7(A): Identified Tracts? — Affected Persons: — N. Date —						

Permit Conditions:

Issues: None

Add Permit Cond:

None

10/07/13 DATE IN	 SUSPENSE	ENG ENGINEER	10/10/13 LOGGED IN	WFX TYPE	PPRG 132845974E APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



11/11/13
Return Receipts
for Notifications

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

MCA Unit wells #451, #456, #507, #510, and #513
[D] Other: Specify _____

ConocoPhillips
[5 wells] all new
30-025-41391
30-025-41392
30-025-41395
30-025-41396
30-025-41399
MCA Unit

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or, Attachments 8 and 9

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Susan B. Maunder
Print or Type Name

Susan B. Maunder
Signature

Sr. Regulatory Specialist
Title

10/2/13
Date

Susan.B.Maunder@conocophillips.com
e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: ConocoPhillips Company
ADDRESS: 600 North Dairy Ashford Road, Office P10-4-4054; Houston, TX 77079-1175
CONTACT PARTY: Susan B. Maunder PHONE: 281-206-5281
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary. See the enclosed summary titled "Proposed Injection Well Activity"
- IV. Is this an expansion of an existing project? X Yes No
If yes, give the Division order number authorizing the project: WFX-908, WFX-879, WFX-886, WFX-855, WFX-393, and WFX-281.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. See Attachment 2 and Attachment 3
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. See Attachment 4 and Attachment 5
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval. See Attachment 6
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. See tests submitted in support of WFX-908 and WFX-855.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water. See Attachment 6
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. See Attachment 8 and Attachment 9.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Susan B. Maunder TITLE: Senior Regulatory Specialist
SIGNATURE: Susan B. Maunder DATE: 10/2/13
E-MAIL ADDRESS: Susan.B.Maunder@conocophillips.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Maljamar Cooperative Agreement (MCA) Unit
Proposed Injection Well Activity – Waterflood Expansion

Operator: ConocoPhillips Company
Lease Numbers: NM LC 058408A
NM LC 058698A
NM LC 058395
NM LC 057210
Well Names: MCA 451
MCA 456
MCA 507
MCA 510
MCA 513

Current Schedule: These new wells are expected to be drilled late 2013.

Proposal Description:

ConocoPhillips Company is planning to drill five (5) new injection wells in the Maljamar Cooperative Agreement (MCA) Unit. The planned wells are to enhance oil recovery in this part of the field. Expectations are that an additional 260,000 bbls of oil are recoverable by increasing our waterflood in this portion of the reservoir. ConocoPhillips Company respectfully requests this Waterflood Expansion application be processed through Administrative Approval procedures as allowed by prior orders.

There are 154 wells within the combined Area of Review; forty-four (44) of these wells have been plugged and abandoned. Information provided in support of this Application for Authorization to Inject is organized in the same order it is requested on Form C-108 and is detailed below.

154 wells
[110-active
44-P&A

Section III Well Data: This information is included in Attachment 1.

Section V Map that identifies all wells and leases within 2 miles of proposed injection wells: See Attachment 2.

The map includes a one-half mile radius circle drawn around each of the proposed injection wells (MCA 451, MCA 456, MCA 507, MCA 510, and MCA 513).

Section VI Tabulation of data on all wells within the area of review: A list of wells on which detailed data has already been submitted is included in Attachment 3. Well data on wells within the areas of review which have not been previously submitted are contained in Attachment 4. Well schematics for plugged wells are included in Attachment 5.

Section VII. Data on the proposed operation: Injection Operation Description

- 1) Proposed average injection rate and Proposed maximum injection rate:
 - a. Average: 500 barrels of water per day
 - b. Maximum: 1500 barrels of water per day
- 2) System is closed/open: Open
- 3) Proposed average and maximum injection pressure psi at surface
 - a. Average: 2100 psi

- b. Maximum: 2150 psi
- 4) Source and an appropriate analysis of injection fluid
 - a. Produced water will be used as the injection fluid. A water analysis was submitted in conjunction with prior approval applications.
- 5) These wells will be utilized for enhanced recovery into producing formations.

Section VIII Geologic Data on the Injection Zone

In the MCA Unit, estimated tops of the geological markers vary within a range of approximately 150' to 300'. The range of minimum to maximum depth for these markers is presented in the table below. The datum for these depths is RKB or Rig Floor (which is 10' – 12' above Ground Level).

The injection zone top depth to the bottom of fresh water zones is within a range of 2700 feet to 3200 feet.

Formation Call	Lithology of the Injection Zone	Top (FT MD)		Average Injection Zone Thickness (FT)	Contents
		Minimum	Maximum		
Above Top of Rustler					Fresh water
Rustler		835	1,000		
Salado		1,010	1,185		
Grayburg	Arkosic Anhydritic Sandstone	3,510	3,770		Oil, gas, Salt Water and possible CO2 from old injection Program
Grayburg 6		3,745	4,035	170	Oil, gas, Salt Water and possible CO2 from old injection Program
San Andres 7	Dolograinstone/Dolopacktone	3,935	4,190	170	Oil, gas, Salt Water and possible CO2 from old injection Program
San Andres 9		4,100	4,350	200	Oil, gas, Salt Water and possible CO2 from old injection Program
Proposed TD		4,300	4,550		Oil, gas, Salt Water and possible CO2 from old injection Program

Section IX Description of the Propose Stimulation Program

Injection wells will be acid stimulated in the San Andres formation with approximately 7,000 gallons of 15%-20% HCl. The Grayburg formation will be fracture stimulated with approximately 70,000 lbs of resin coated, ~~and~~ white sand.

Section X Logging and Test Data on the Well

Any logging and test data collected after drilling and completing these new wells will be submitted to the state of New Mexico. These submissions will be provided in a timely manner.

Section XI Chemical Analysis of Fresh Water from two or more fresh water wells within one mile of any injection well showing location of wells and dates samples were taken.

There are no fresh water wells within one mile of any injection wells that are part of this application. Attachment 6 contains a water analysis that was provided in support of an administrative approval submitted in 2009.

Section XII Affirmative Statement regarding examination of geologic and engineering data:

These wells are to be used for enhanced hydrocarbon recovery. However, the following statement is provided. Geologist Staff has stated that: "We do not have any evidence that there is any hydrologic connection or open faults between the injection zone and the underground sources of drinking water (USDW)."

Section XIII Proof of Notice

Proof of publication of the public notice for this application is included in Attachment 8. Attachment 9 contains a listing of surface owners and leasehold operators within one-half mile of the unit boundary who were notified via certified return receipt. A copy of the letter sent is included.

*see
Attached
statement
by Geologist*

I have examined the available geologic and engineering data and have found no evidence of open faults or any other hydrologic connection between any underground sources of drinking water and the injection zone for the proposed injection wells: MCA 451, MCA 456, MCA 507, MCA 510, and MCA 513.

A handwritten signature in black ink, appearing to read 'Dewi Larasati', with a horizontal line drawn underneath it.

Dewi Larasati, ConocoPhillips Company
Petroleum Geologist

4/1/2013

Date

Attachment 1
Maljamar Cooperative Agreement (MCA) Well Data

The following data are provided for the new wells listed below:

MCA Unit 451: API # 30-025-41391

- C-102 Plat
- Injection Well Data Sheet (2 pages)
- Injection Well Schematic
- Map Showing 0.5 mile radius

MCA Unit 456: API # 30-025-41392

- C-102 Plat
- Injection Well Data Sheet (2 pages)
- Injection Well Schematic
- Map Showing 0.5 mile radius

MCA Unit 507: API # 30-025-41395

- C-102 Plat
- Injection Well Data Sheet (2 pages)
- Injection Well Schematic
- Map Showing 0.5 mile radius

MCA Unit 510: API # 30-025-41396

- C-102 Plat
- Injection Well Data Sheet (2 pages)
- Injection Well Schematic
- Map Showing 0.5 mile radius

MCA Unit 513: API # 30-025-41399

- C-102 Plat
- Injection Well Data Sheet (2 pages)
- Injection Well Schematic
- Map Showing 0.5 mile radius

MCA Unit 451: API # 30-025-4139_

DISTRICT I
1826 N. French Dr., Hobbs, NM 88240
Phone (575) 593-6161 Fax: (575) 593-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 740-1283 Fax: (575) 740-0720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3456 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
	43329	Maljamar; Grayburg, San Andres
Property Code	Property Name	Well Number
31422	MCA UNIT	451
GRID No.	Operator Name	Elevation
217817	CONOCO PHILLIPS	3992'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	17 S	32 E		1365	NORTH	2180	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
40									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N: 659875.3 E: 680700.8 NAD 27	N: 658885.3 E: 683343.0 NAD 27	N: 653884.3 E: 685985.0 NAD 27	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Susan B. Maunder 5/1/13 Signature Date Susan B. Maunder Printed Name Susan.B.maunder@conocophillips.com Email Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Surveyed Signature & Seal of Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 28051
N: 654596.5 E: 680735.9 NAD 27	N: 654806.4 E: 683378.5 NAD 27	N: 657264.9 E: 686001.4 NAD 27	

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Maljamar Cooperative Agreement (MCA) Unit 451 (New Drill) API#30-025-41391WELL LOCATION: 1365' N & 2180' E G 26 17S 32E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625"Cemented with: approx. 500 sx of cmt*or* ft³Top of Cement: SurfaceMethod Determined: Intermediate CasingHole Size: Casing Size: Cemented with: sx.*or* ft³Top of Cement: Method Determined: Production CasingHole Size: 7.875"Casing Size: 5.5"Cemented with: approx. 750 sx of cmt*or* ft³Top of Cement: SurfaceMethod Determined: Total Depth: 4500' (PBD 4445')Injection IntervalPerforated estimated 4000' feet to 4300'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)

Type of Packer: 2.375" X 5.5"; 17# Nickel Plate

Packer Setting Depth: 3900' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

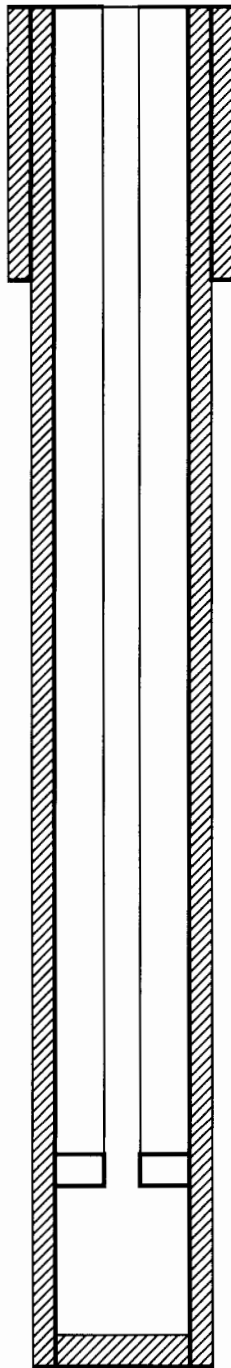
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock



PROPOSED

MCA 451 (API: 30-025-41391)
1365 FNL & 2180 FEL, Section 26, T-17S, R32E
Elev.: 3992

8-5/8", 24#, J-55 @ 1068. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC

PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/

OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

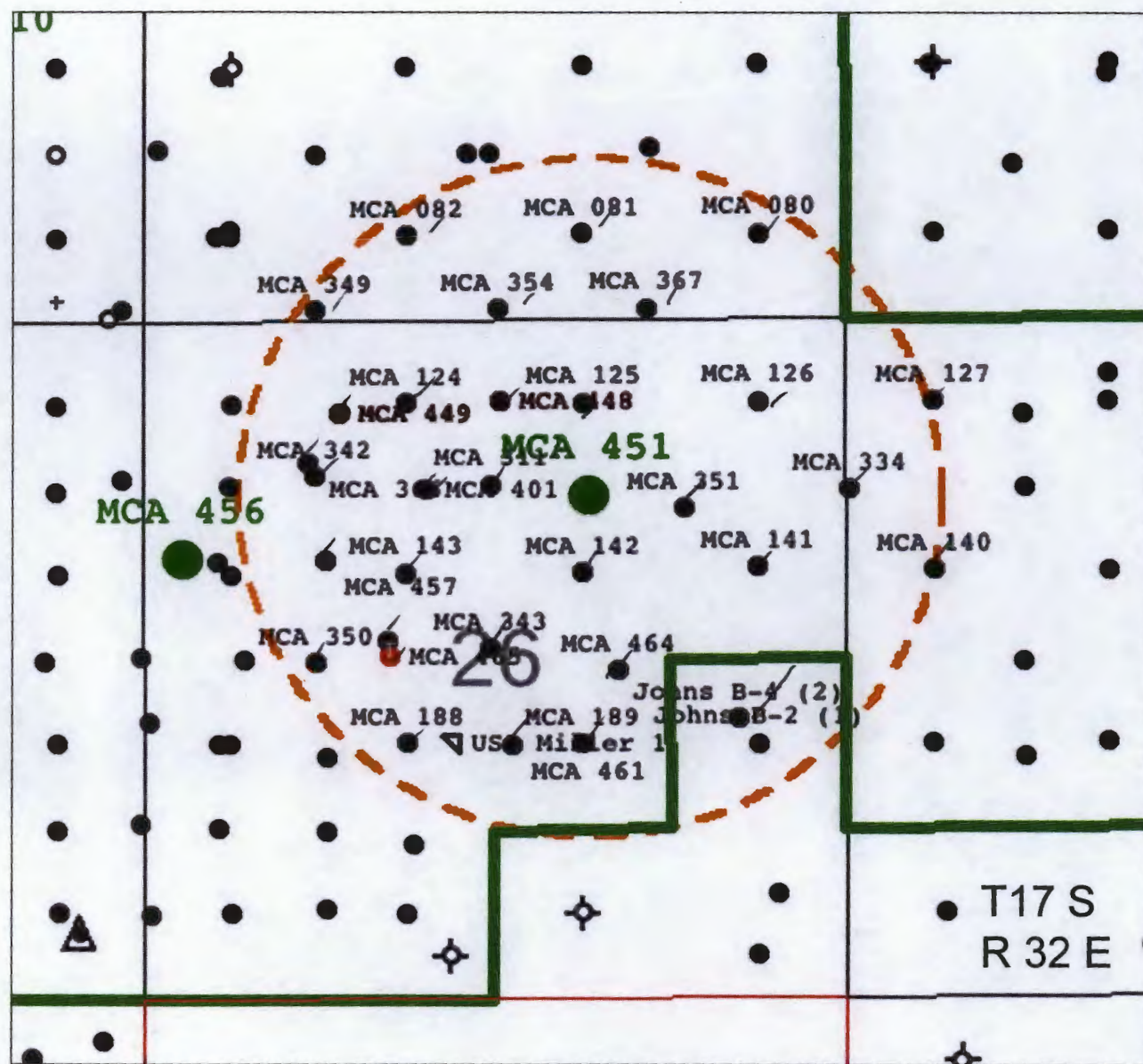
Grayburg: 4000-4100 est.

San Andres: 4100-4300 est.

5-1/2", 17#, J-55 @ 4490. Cmt to surface w/ 750 sx.

PBD: 4445 est.

TD: 4500



ConocoPhillips

**MCA # 451
Lea County, New Mexico
0.5 Mile Radius Map**

Legend

- Proposed Injectors
- Location only
- OIL
- ★ GAS
- ★ O&G
- ✦ DRY
- △ INJ
- ▽ TA
- Surface location for deviated well
- Road and Highway
- MCA Unit Line

By: Dewi Larasati - Staff Geologist

March 22nd, 2013

34

MCA Unit 456:API # 30-025-41392

HOBBS OCD

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (575) 383-8161 Fax: (575) 383-8720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-0720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

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District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number 30-025-41392	Pool Code 43329	Pool Name Maljamar; Grayburg, San Andres
Property Code 31422	Property Name MCA UNIT	Well Number 456
OGRID No. 217817	Operator Name CONOCO PHILLIPS	Elevation 3963'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	17 S	32 E		1780	NORTH	280	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Susan B. Maunder</u> 5/1/13 Signature Date <u>Susan B. Maunder</u> Printed Name <u>Susan B. Maunder</u> Email Address <u>conocophillips.com</u>
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. Date Surveyed <u>JUNE 2013</u> Signature of Professional Surveyor Certificate No. <u>Gary L. Jones 7977</u> BASIN SURVEYS 28052

PM
CFP 7.1.2013

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Maljamar Cooperative Agreement (MCA) Unit 456 (New Drill) API#30-025-41392WELL LOCATION: 1780' N & 280' W E 26 17S 32E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625" ft³Cemented with: approx. 500 sx of cmtorTop of Cement: Surface

Method Determined: _____

Intermediate Casing

Hole Size: _____

Casing Size: _____ ft³Cemented with: _____ sx.or

Top of Cement: _____

Method Determined: _____

Production CasingHole Size: 7.875"Casing Size: 5.5" ft³Cemented with: approx. 750 sx of cmtorTop of Cement: Surface

Method Determined: _____

Total Depth: 4400' (PBD 4345')Injection IntervalPerforated estimated 3900' feet to 4200'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)Type of Packer: 2.375" X 5.5"; 17# Nickel PlatePacker Setting Depth: 3800' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

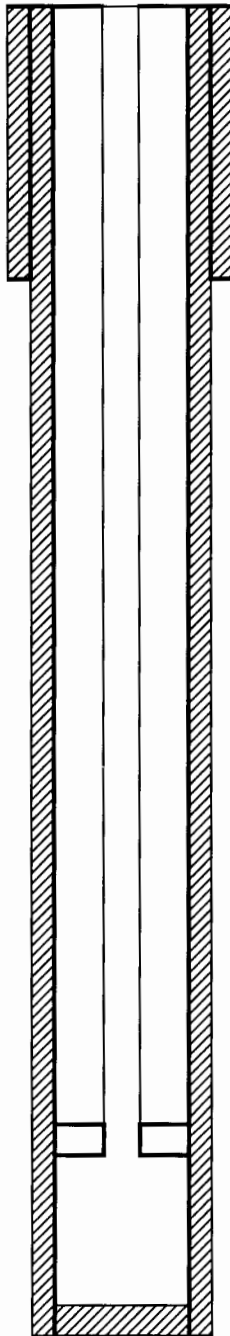
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock



PROPOSED

MCA 456 (API: 30-025-41392)

1780 FNL & 280 FWL, Section 26, T-17S, R32E

Elev.: 3963

8-5/8", 24#, J-55 @ 1000. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC

PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/

OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

Grayburg: 3900-4050 est.

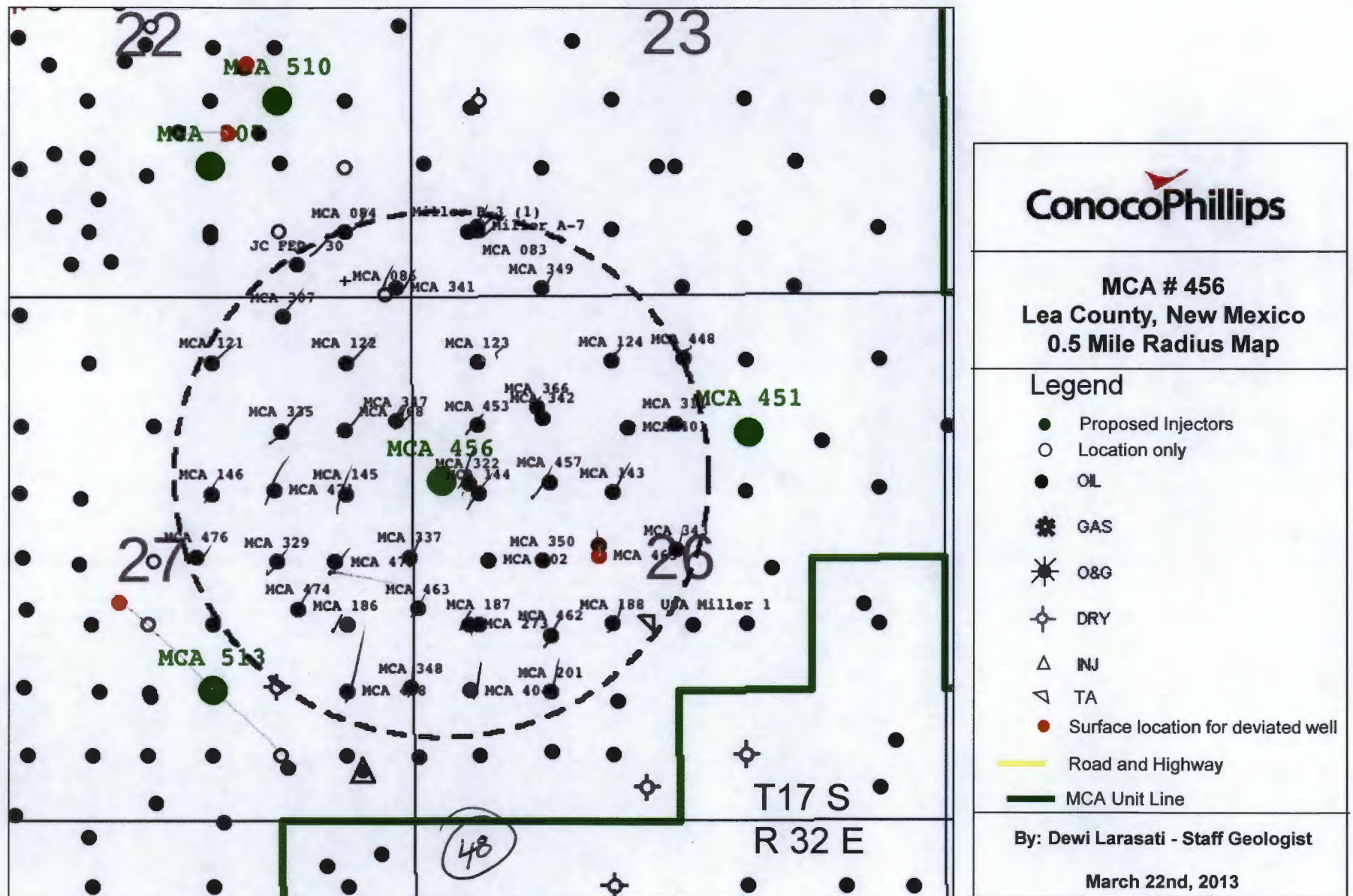
San Andres: 4050-4200 est.

5-1/2", 17#, J-55 @ 4390. Cmt to surface w/ 750 sx.

PBD: 4345 est.

TD: 4400

Attachment 1



MCA Unit 507:API # 30-025-41395

HOBBS OCD

SEP 09 2013

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-8161 Fax (505) 393-8720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax (505) 334-8170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3400 Fax (505) 476-3402State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41385	Pool Code 43329	Pool Name Maljamar; Grayburg San Andres
Property Code 785006 31422	Property Name MCA UNIT	Well Number 507
OGRID No. 217817	Operator Name CONOCO PHILLIPS	Elevation 3994'

Surface Location

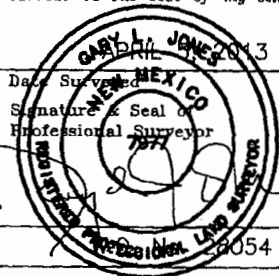
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	22	17 S	32 E		1225	SOUTH	2045	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N: 665134.8 E: 675397.6 NAD 27	N: 665145.1 E: 678028.2 NAD 27	N: 665155.0 E: 680670.6 NAD 27	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Susan B. Maunder</u> 5/16/13 Signature Date <u>Susan B. Maunder</u> Printed Name <u>Susan B. Maunder @</u> Email Address <u>Conocophillips.com</u>
N: 662496.0 E: 675414.0 NAD 27	N: 662515.6 E: 680687.2 NAD 27	N: 659875.3 E: 680700.8 NAD 27	
SURFACE LOCATION Lot - N 32°48'58.33" Long - W 103°45'08.40" NMSPCE- N 661157.7 E 719828.4 (NAD-83) Lot - N 32°48'57.90" Long - W 103°45'06.58" NMSPCE- N 661093.4 E 678650.1 (NAD-27)			
3993.7' 3994.9' 3991.3' 3990.9' 1225' 2045'			
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  Date Surveyed <u>SEP 11 2013</u> Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 28054			

P.M.

SEP 11 2013

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Maljamar Cooperative Agreement (MCA) Unit 507 (New Drill) API#30-025-41395WELL LOCATION: 1225' S & 2045' E O 22 17S 32E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625"Cemented with: approx. 500 sx of cmt*or* _____ ft³Top of Cement: Surface

Method Determined: _____

Intermediate Casing

Hole Size: _____

Casing Size: _____ ft³

Cemented with: _____ sx.

or _____ ft³

Top of Cement: _____

Method Determined: _____

Production CasingHole Size: 7.875"Casing Size: 5.5"Cemented with: approx. 750 sx of cmt*or* _____ ft³Top of Cement: Surface

Method Determined: _____

Total Depth: 4325' (PBD 4270')Injection IntervalPerforated estimated 3800' feet to 4100'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)Type of Packer: 2.375" X 5.5"; 17# Nickel PlatePacker Setting Depth: 3700' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

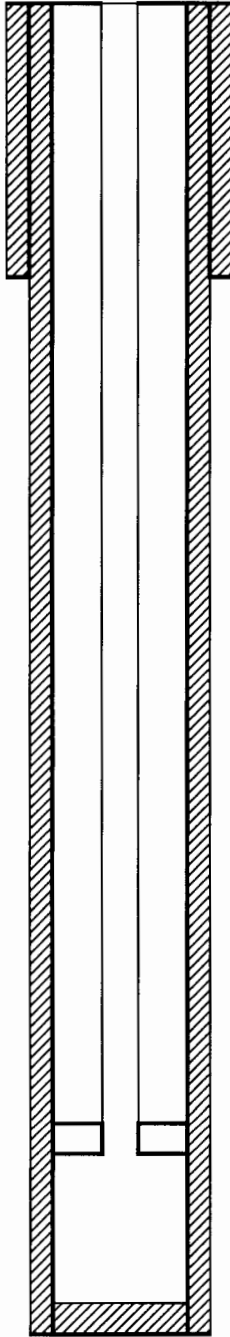
3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock

PROPOSED

MCA 507 (API: 30-025-41395)
1225 FSL & 2045 FEL, Section 22, T-17S, R32E
Elev.: 3994



8-5/8", 24#, J-55 @ 909. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC

PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/

OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

Grayburg: 3800-3900 est.

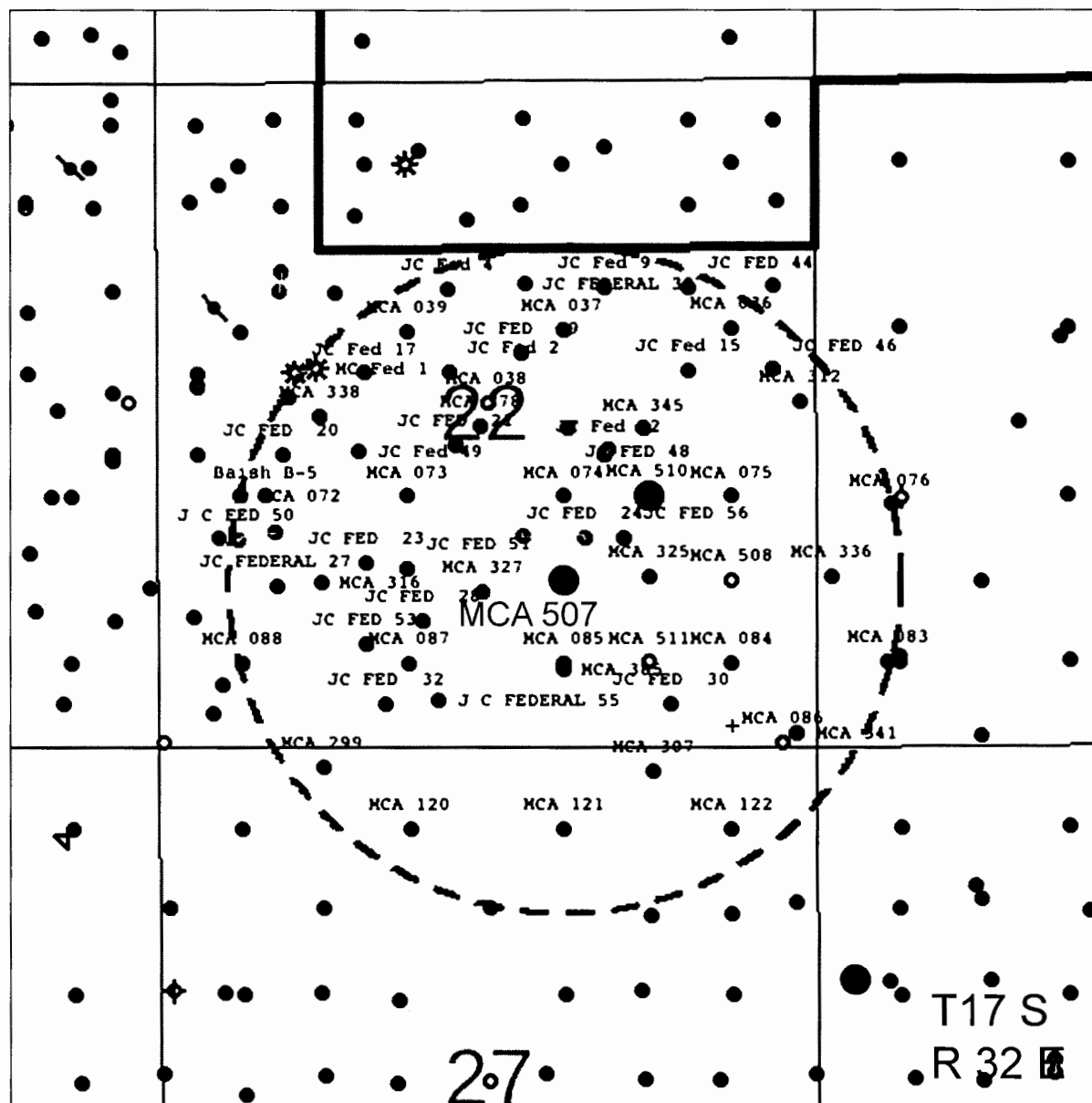
San Andres: 3900-4100 est.

5-1/2", 17#, J-55 @ 4315. Cmt to surface w/ 750 sx.

PBD: 4270 est.

TD: 4325

Attachment 1



ConocoPhillips

MCA # 507
Lea County, New Mexico
0.5 Mile Radius Map

Legend

- Proposed Injectors
- Location only
- OIL
- ★ GAS
- ☀ O&G
- ✕ DRY
- △ INJ
- Surface location for deviated well
- Road and Highway
- MCA Unit Line

By: Dewi Larasati - Staff Geologist

March 22nd, 2013

MCA Unit 510:API # 30-025-41396

HOBBS OCD

SEP 09 2013

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-5181 Fax (505) 393-0720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1263 Fax (505) 743-0720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax (505) 334-8170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised August 1, 2011Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41396	Pool Code 43329	Pool Name Maljamar; Grayburg, San Andres
Property Code 205006 31422	Property Name MCA UNIT	Well Number 510
OGRID No. 217817	Operator Name CONOCO PHILLIPS	Elevation 3995'

Surface Location

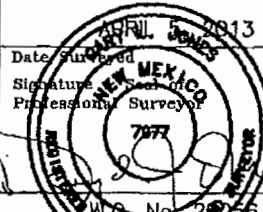
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	22	17 S	32 E		2055	SOUTH	1310	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N: 665134.6 E: 675397.6 NAD 27	N: 665145.1 E: 676029.2 NAD 27	N: 665156.0 E: 680670.6 NAD 27	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Susan B. Maunder</u> 5/16/13 Signature Date <u>Susan B. Maunder</u> Printed Name <u>Susan, B. Maunder@</u> Email Address <u>conocophillips.com</u>
N: 662438.0 E: 675414.0 NAD 27	SURFACE LOCATION Lat - N 32°49'06.52" Long - W 103°44'59.78" NMSPCE - N 661990.0 E 720558.8 (NAD-83) Lat - N 32°49'06.09" Long - W 103°44'57.97" NMSPCE - N 661925.7 E 678380.5 (NAD-27)		
N: 659857.9 E: 675431.0 NAD 27	SURFACE LOCATION Lat - N 32°49'06.52" Long - W 103°44'59.78" NMSPCE - N 661990.0 E 720558.8 (NAD-83) Lat - N 32°49'06.09" Long - W 103°44'57.97" NMSPCE - N 661925.7 E 678380.5 (NAD-27)		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  Date Surveyed Signature Professional Surveyor Certificate No. 7977 L. Jones 7977 BASIN SURVEYS 28056

SEP 12 2013

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Maljamar Cooperative Agreement (MCA) Unit 510 (New Drill) API#30-025-41396WELL LOCATION: 2055' S & 1310' E I 22 17S 32E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625"Cemented with: approx. 500 sx of cmt*or* _____ ft³Top of Cement: Surface

Method Determined: _____

Intermediate Casing

Hole Size: _____

Casing Size: _____ ft³

Cemented with: _____ sx.

or _____ ft³

Top of Cement: _____

Method Determined: _____

Production CasingHole Size: 7.875"Casing Size: 5.5"Cemented with: approx. 750 sx of cmt*or* _____ ft³Top of Cement: Surface

Method Determined: _____

Total Depth: 4345' (PBD 4290')Injection IntervalPerforated estimated 3850' feet to 4100'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)Type of Packer: 2.375" X 5.5"; 17# Nickel PlatePacker Setting Depth: 3750' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

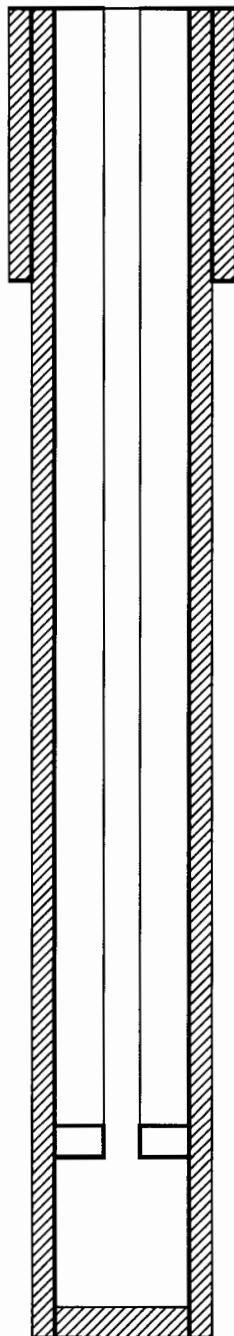
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock



PROPOSED

MCA 510 (API: 30-025-41396)

2055 FSL & 1310 FEL, Section 22, T-17S, R32E

Elev.: 3995

8-5/8", 24#, J-55 @ 920. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC

PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/

OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

Grayburg: 3850-3950 est.

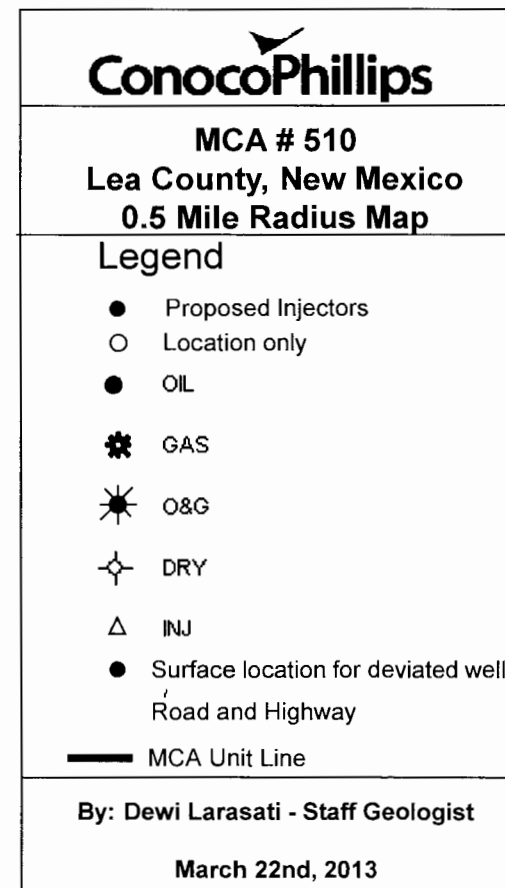
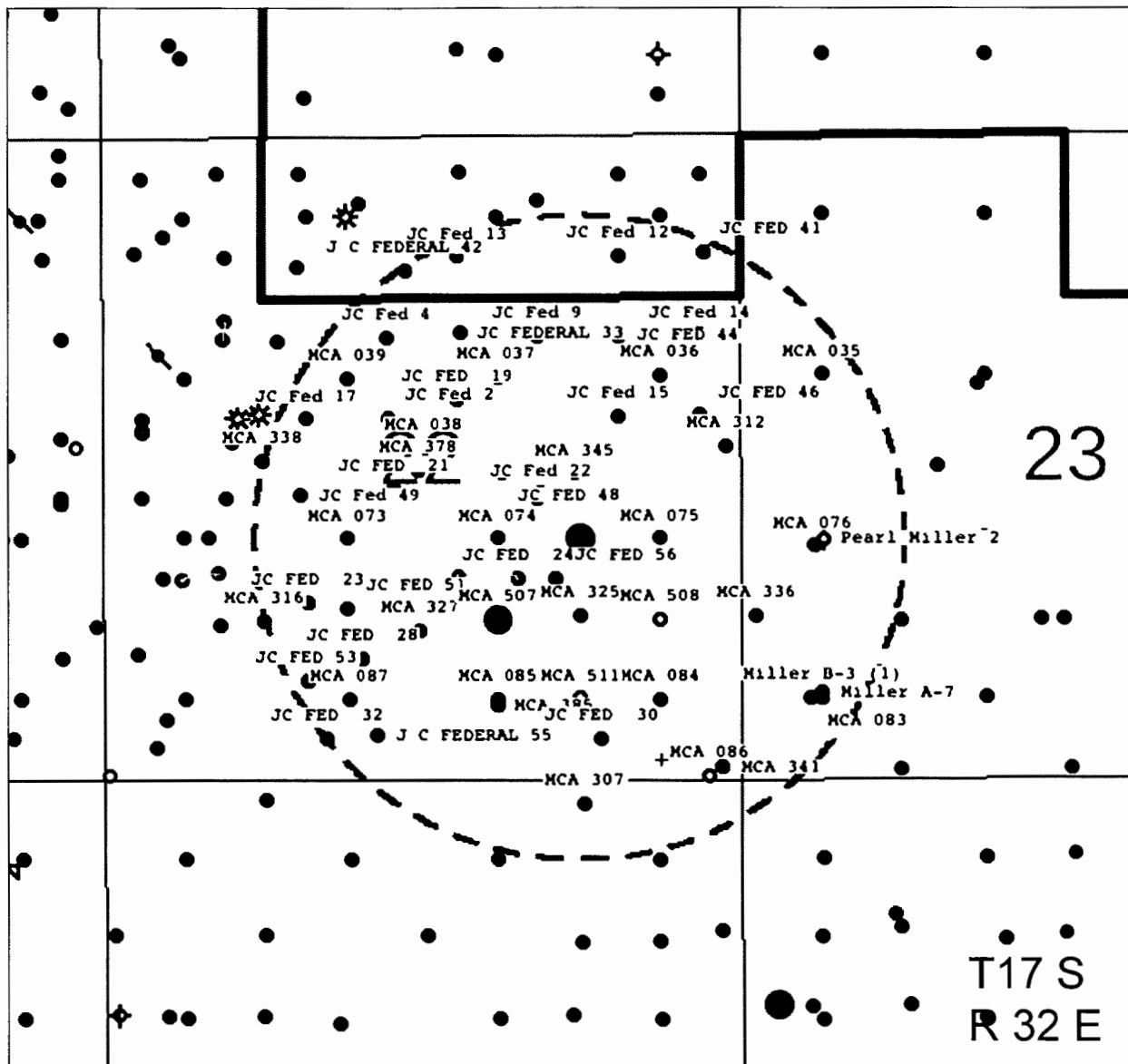
San Andres: 3950-4100 est.

5-1/2", 17#, J-55 @ 4335. Cmt to surface w/ 750 sx.

PBD: 4290 est.

TD: 4345

Attachment 1



MCA Unit 513:API # 30-025-41399

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-3161 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 740-1283 Fax: (505) 740-0720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 854-8178 Fax: (505) 854-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3460 Fax: (505) 478-3468

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41399	Pool Code 43329	Pool Name Maljamar;Grayburg, San Andres
Property Code 31422	Property Name MCA UNIT	Well Number 513
OGRIID No. 217817	Operator Name CONOCO PHILLIPS	Elevation 3958'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	27	17 S	32 E		1510	SOUTH	2180	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Susan B. Maunder</u> 5/21/13 Signature Date Susan B. Maunder Printed Name <u>Susan B. Maunder</u> Email Address <u>conocophillips.com</u>
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 14 2013 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 28059

SEP 11 2013 PM

FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
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WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)Type of Packer: 2.375" X 5.5"; 17# Nickel PlatePacker Setting Depth: 3850' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

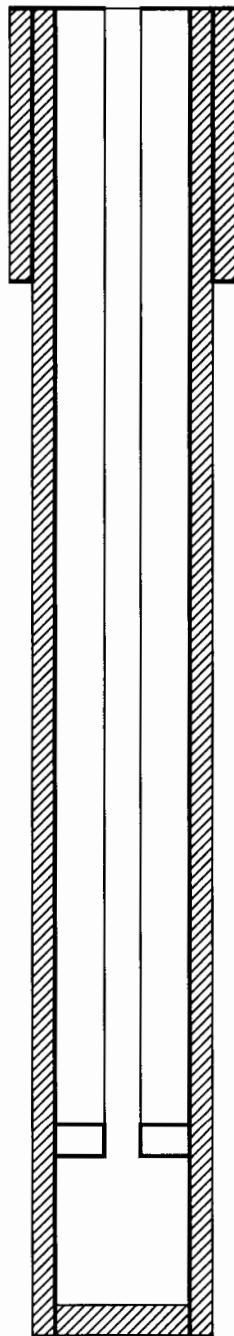
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock



PROPOSED

MCA 513 (API: 30-025-41399)
1510 FSL & 2180 FEL, Section 27, T-17S, R32E
Elev.: 3958

8-5/8", 24# J-55 @ 1015. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC

PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/

OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

Grayburg: 3950-4100 est.

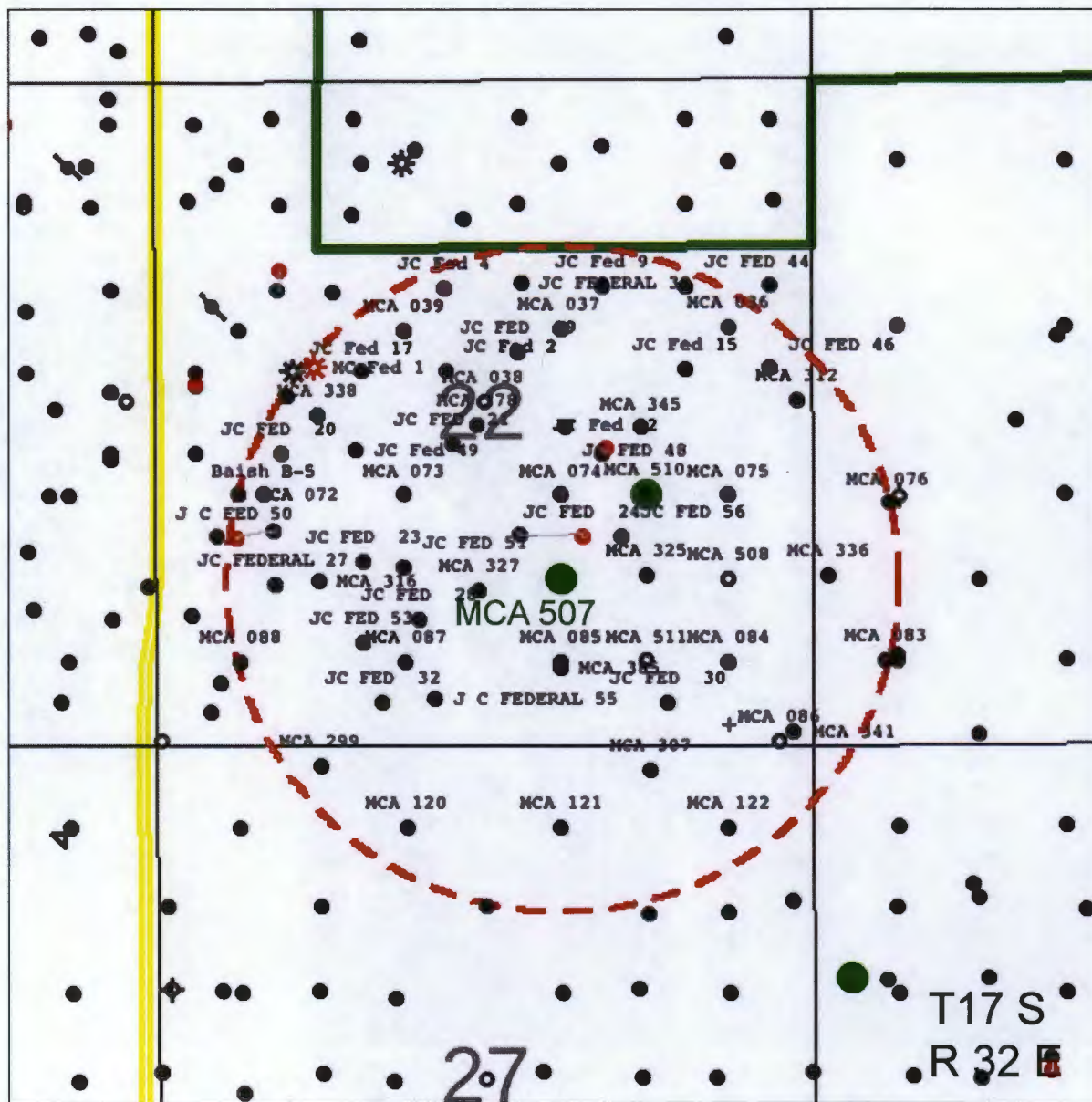
San Andres: 4100-4250 est.

5-1/2", 17# J-55 @ 4450. Cmt to surface w/ 750 sx.

PBD: 4405 est.

TD: 4460

Attachment 1



MCA # 507
Lea County, New Mexico
0.5 Mile Radius Map

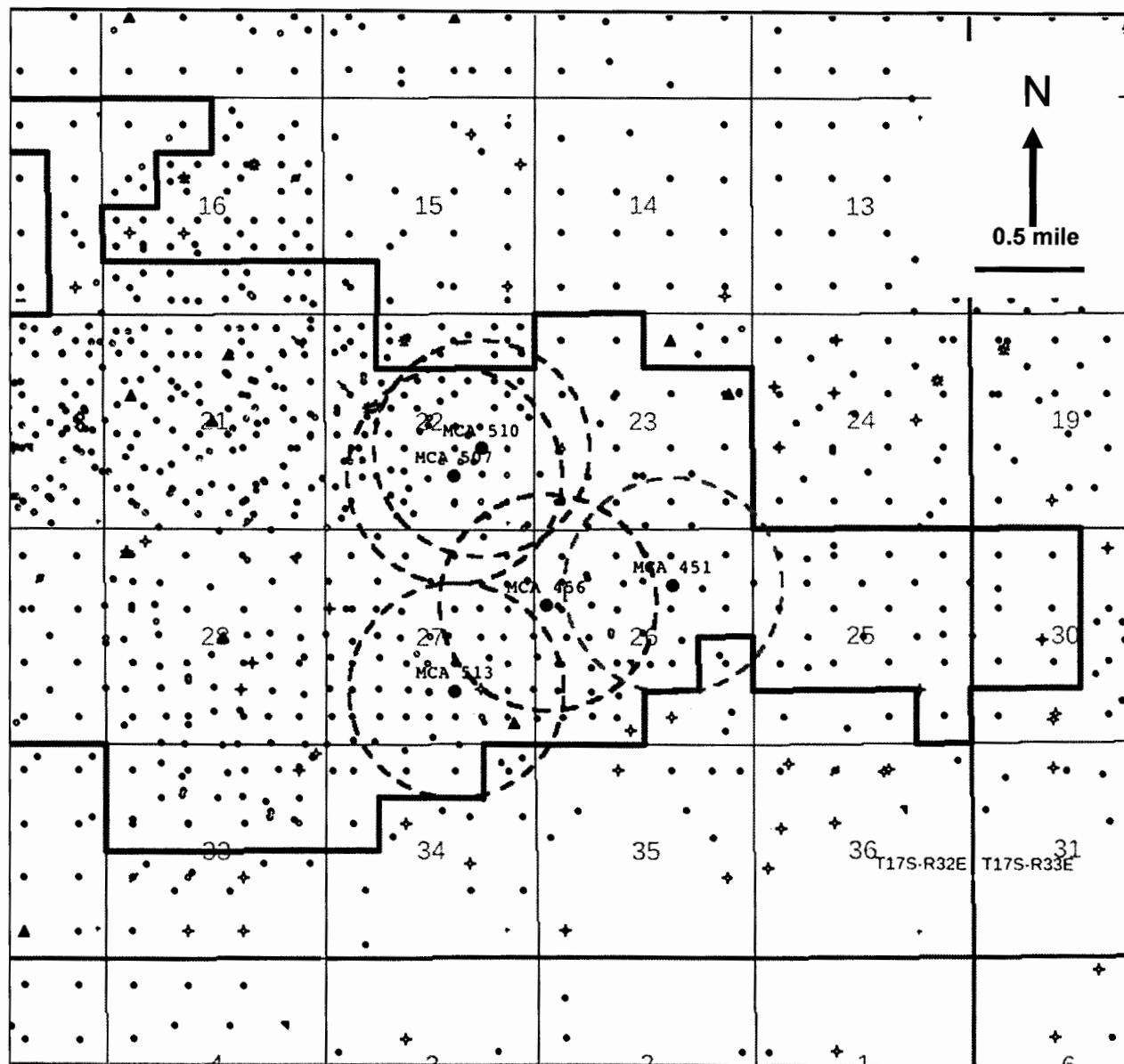
Legend

- Proposed Injectors
- Location only
- OIL
- ⚙️ GAS
- ☀️ O&G
- ⚙️ DRY
- △ INJ
- Surface location for deviated well
- Road and Highway
- MCA Unit Line

By: Dewi Larasati - Staff Geologist

March 22nd, 2013

Attachment 2



ConocoPhillips

**MCA # 451, # 456, # 507, # 510,
and # 513
Lea County, New Mexico
2 Mile Radius Map**

Legend

- Proposed Injectors
- Location only
- OIL
- ★ GAS
- ★ O&G
- ✦ DRY
- △ INJ
- Surface location for deviated well
- Road and Highway
- MCA Unit Line

By: Dewi Larasati - Staff Geologist

March 22nd, 2013

Attachment 3

Wells Within Area of Review – Previously Submitted on 10-8-2010 (WFX-879)

The following wells were included in the tabulation of well data required for Section VI of Form C-108 submitted in conjunction with the application that resulted in WFX-879. However, they are included in this tabulation for completeness.

MCA Unit 84	MCA Unit 329
MCA Unit 82	MCA Unit 335
Miller Federal 7	MCA Unit 337
MCA Unit 83	MCA Unit 341
MCA Unit 142	MCA Unit 342
MCA Unit 125	MCA Unit 343
MCA Unit 187	MCA Unit 346
MCA Unit 123	MCA Unit 347
MCA Unit 124	MCA Unit 349
MCA Unit 188	MCA Unit 350
MCA Unit 144	MCA Unit 353
MCA Unit 143	MCA Unit 354
MCA Unit 145	MCA Unit 366
MCA Unit 122	MCA Unit 387H
MCA Unit 184	MCA Unit 402
MCA Unit 147	MCA Unit 405
MCA Unit 186	MCA Unit 399
MCA Unit 204	MCA Unit 400
MCA Unit 181	MCA Unit 401
MCA Unit 205	MCA Unit 414
MCA Unit 180	MCA Unit 415
MCA Unit 206	MCA Unit 416
MCA Unit 183	MCA Unit 418
MCA Unit 185	MCA Unit 453
MCA Unit 273	MCA Unit 457
MCA Unit 307	MCA Unit 462
MCA Unit 311	MCA Unit 474
MCA Unit 314	MCA Unit 465
MCA Unit 315	MCA Unit 471
MCA Unit 322	MCA Unit 475

Attachment 4
MCA Grayburg-San Andres Unit
Tabulation of Well Data

This attachment includes two pages of data for wells within ½ mile radius of proposed injection wells.

MCA Unit - Tabulation of Well Data for Wells Within the Area of Review
September 2013

Type	Status	API	Lease	Well	Operator Name	Sec	Twp	Rng	FNL	FSL	FEL	FWL	Latitude	Longitude	L&L Srce	State	County	Elevation		Spud Date	Driller TD	Surface Casing			Intermediate Casing	
																		GL	KB			Size: in.	Depth: ft.	TOC	Size: in.	Depth: ft.
Oil	ACT	30025347720000	J C FEDERAL	2	MACK ENERGY CORP	22	17S	32E	2310			2310	32.82079	-103.75465	TS	NM	LEA	3997	4009	1/7/2000	5950	13.375	324	surface	8.625	2108
Oil	ACT	30025376560002	J C FEDERAL	4	COG OPERATING LLC	22	17S	32E	1650			2310	32.8227	-103.75482	TS	NM	LEA	4004	4020	7/23/2006	10200	13.375	463	surface	8.625	2117
Oil	ACT	30025382610000	J C FEDERAL	9	COG OPERATING LLC	22	17S	32E	1650		1650		32.82261	-103.75063	TS	NM	LEA	4007	4019	8/31/2007	7020	13.375	679	surface	8.625	2166
Oil	ACT	30025386960000	J C FEDERAL	12	COG OPERATING LLC	22	17S	32E	990		990		32.82443	-103.74847	TS	NM	LEA	4017	4029	1/24/2009	7000	13.375	805	surface	8.625	2229
Oil	ACT	30025386970001	J C FEDERAL	13	COG OPERATING LLC	22	17S	32E	990		2310		32.82442	-103.75277	TS	NM	LEA	4008	4020	11/3/2010	7035	13.375	809	surface	8.625	2300
Oil	ACT	30025386990000	J C FEDERAL	15	COG OPERATING LLC	22	17S	32E	2310		990		32.82081	-103.74849	TS	NM	LEA	4005	4017	8/7/2008	7017	13.375	846	surface	8.625	2110
Oil	ACT	30025388310000	J C FEDERAL	17	COG OPERATING LLC	22	17S	32E	2310			1650	32.82078	-103.7568	TS	NM	LEA	4006	4019	3/5/2010	7046	13.375	800	surface	8.625	2153
Oil	ACT	30025399500000	J C FEDERAL	19	COG OPERATING LLC	22	17S	32E	2160		2310		32.82121	-103.75278	TS	NM	LEA	4002	4014	3/3/2010	7042	13.375	837	surface	8.625	2104
Oil	ACT	30025390870000	J C FEDERAL	20	COG OPERATING LLC	22	17S	32E		2310		990	32.819	-103.75895	TS	NM	LEA	4007	4024	3/12/2010	7048	13.375	800	surface	8.625	2126
Oil	ACT	30025390880000	J C FEDERAL	21	COG OPERATING LLC	22	17S	32E		2385		2358	32.81919	-103.75449	TS	NM	LEA	4002	4014	3/16/2009	7015	13.375	813	surface	8.625	2113
Oil	ACT	30025390890000	J C FEDERAL	22	COG OPERATING LLC	22	17S	32E		2310	1650		32.81897	-103.75064	TS	NM	LEA	3998	4010	6/25/2009	7025	13.375	830	surface	8.625	2130
Oil	ACT	30025391640000	J C FEDERAL	23	COG OPERATING LLC	22	17S	32E		1450		1650	32.81663	-103.75679	TS	NM	LEA	4006	4019	7/23/2009	7119	13.375	825	surface	8.625	2118
Oil	ACT	30025391650000	J C FEDERAL	24	COG OPERATING LLC	22	17S	32E		1650	1810		32.81715	-103.75117	TS	NM	LEA	3995	4007	11/10/2009	7148	13.375	810	surface	8.625	2065
Oil	ACT	30025392470000	J C FEDERAL	27	COG OPERATING LLC	22	17S	32E		1240		990	32.81606	-103.75894	TS	NM	LEA	4033	4042	4/7/2010	7040	13.375	815	surface	8.625	2130
Oil	ACT	30025391660000	J C FEDERAL	28	COG OPERATING LLC	22	17S	32E		990		2090	32.81536	-103.75536	TS	NM	LEA	3999	4012	8/31/2009	7123	13.375	803	surface	8.625	2118
Oil	ACT	30025391700000	J C FEDERAL	32	COG OPERATING LLC	22	17S	32E		330		1800	32.81355	-103.7563	TS	NM	LEA	4002	4014	2/7/2009	7315	13.375	811	surface	8.625	2222
Oil	ACT	30025392910001	J C FEDERAL	33	COG OPERATING LLC	22	17S	32E	1650			2310	32.82261	-103.75278	TS	NM	LEA	4004	4017	3/26/2011	7015	13.375	888	surface	8.625	2127
Oil	ACT	30025398590000	J C FEDERAL	41	COG OPERATING LLC	22	17S	32E	990		330		32.8245	-103.74625	TS	NM	LEA	4017	4029	2/18/2011	7140	13.375	909	surface	8.625	2142
Oil	ACT	30025398640000	J C FEDERAL	42	COG OPERATING LLC	22	17S	32E	1100			2465	32.82412	-103.75415	TS	NM	LEA	4006	4023	4/5/2011	7112	13.375	918	surface	8.625	2157
Oil	ACT	30025396150000	J C FEDERAL	44	COG OPERATING LLC	22	17S	32E	1650		990		32.82262	-103.74848	TS	NM	LEA	4009		10/1/2010	7018	13.375	848	surface	8.625	2142
Oil	ACT	30025396170000	J C FEDERAL	46	COG OPERATING LLC	22	17S	32E	2310		330		32.82081	-103.74634	TS	NM	LEA	4003	4016	1/8/2011	7140	13.375	887	surface	8.625	2155
Oil	ACT	30025399290000	J C FEDERAL	47	COG OPERATING LLC	22	17S	32E	2310		1650		32.82088	-103.75054	TS	NM	LEA	4002	4019	5/23/2011	7117	13.375	880	surface	8.625	2167
Oil	ACT	30025398730000	J C FEDERAL	48	COG OPERATING LLC	22	17S	32E		2490	1980		32.81956	-103.75161	TS	NM	LEA	3999	4019	1/24/2011	7090	13.375	888	surface	8.625	2140
Oil	ACT	30025394800000	J C FEDERAL	49	COG OPERATING LLC	22	17S	32E		2310		1650	32.81899	-103.7568	TS	NM	LEA	4001		11/5/2009	7027	13.375	854	surface	8.625	2121
Oil	ACT	30025398600000	J C FEDERAL	50	COG OPERATING LLC	22	17S	32E		1610		685	32.81716	-103.7601	TS	NM	LEA	4030	4043	3/5/2011	7135	13.375	869	surface	8.625	2117
Oil	ACT	30025394810000	J C FEDERAL	51	COG OPERATING LLC	22	17S	32E		1375		2023	32.81651	-103.75575	TS	NM	LEA	4002	4015	3/8/2011	7130	13.375	844	surface	8.625	2113
Oil	ACT	30025398620000	J C FEDERAL	53	COG OPERATING LLC	22	17S	32E		784		1689	32.81488	-103.75683	TS	NM	LEA	4031	4052	4/17/2011	7124	13.375	841	surface	8.625	2136
Oil	ACT	30025398630000	J C FEDERAL	55	COG OPERATING LLC	22	17S	32E		270		1910	32.81363	-103.75497	TS	NM	LEA	4003	4016	1/31/2012	7130	13.375	876	surface	8.625	2119
Oil	ACT	30025396270000	J C FEDERAL	56	COG OPERATING LLC	22	17S	32E		1650	1500		32.81715	-103.75016	TS	NM	LEA	3993	4010	3/17/2011	7110	13.375	888	surface	8.625	2180
Oil	ACT	30025007030000	JOHNS-FEDERAL B	4	FAIR OIL LIMITED	26	17S	32E		2180	810		32.80401	-103.73054	TS	NM	LEA	3980	3990	6/14/1962	4320	8.625	1160	surface		
Oil	ACT	30025402280000	M C FEDERAL	69	COG OPERATING LLC	22	17S	32E	2547			1098	32.82024	-103.75876	TS	NM	LEA	4006		9/2/2011	7010	13.375	920	surface	8.625	2140
Oil	ACT	30025006310000	MCA UNIT	73	CONOCOPHILLIPS CO	22	17S	32E		1980		1980	32.81796	-103.7559	TS	NM	LEA	3999		2/20/1944	4112	8.625	958	surface	7.000	3456
Oil	ACT	30025127110001	MCA UNIT	75	CONOCOPHILLIPS CO	22	17S	32E		1980	660		32.81795	-103.74728	TS	NM	LEA	3995	4001	1/1/1971	4055	12.500	20	surface	7.000	3540
Oil	ACT	30025006490000	MCA UNIT	83	CONOCOPHILLIPS CO	23	17S	32E		660		560	32.81432	-103.7433	TS	NM	LEA	3986	3995	8/31/1958	4153	10.750	106	surface		
WIW	ACT	30025006390000	MCA UNIT	84	CONOCOPHILLIPS CO	22	17S	32E		660	660		32.81432	-103.74727	TS	NM	LEA	3988		11/7/1939	4015	12.750	20	surface	7.000	3554
Oil	ACT	30025127950001	MCA UNIT	86	CONOCOPHILLIPS CO	22	17S	32E		25		2615	32.8127	-103.75365	TS	NM	LEA	3188		5/20/1971	4100	8.625	143	surface		
Oil	ACT	30025006280000	MCA UNIT	88	CONOCOPHILLIPS CO	22	17S	32E		660		660	32.81434	-103.76019	TS	NM	LEA			10/6/1940	3987	12.500	24	surface	7.000	3600
Oil	ACT	30025007200000	MCA UNIT	120	CONOCOPHILLIPS CO	27	17S	32E	660			1980	32.81071	-103.7559	TS	NM	LEA	3992	4000	2/13/1940	3955	12.750	21	surface	5.500	3536
WIW	ACT	30025007150001	MCA UNIT	121	CONOCOPHILLIPS CO	27	17S	32E	660		1980		32.8107	-103.75157	TS	NM	LEA	3975		8/11/1969	4099	13.375	21	surface	7.000	3542
Oil	ACT	30025007160000	MCA UNIT	122	CONOCOPHILLIPS CO	27	17S	32E	660		660		32.81069	-103.74727	TS	NM	LEA		3789	1/14/1939	4001	12.500	30	surface	7.000	2385
WIW	ACT	30025007050000	MCA UNIT	123	CONOCOPHILLIPS CO	26	17S	32E	660			660	32.81069	-103.74297	TS	NM	LEA	3973		8/18/1939	4029	12.000	20	surface	5.750	3525
Oil	ACT	30025127090000	MCA UNIT	126	CONOCOPHILLIPS CO	26	17S	32E	660		660		32.81075	-103.73006	TS	NM	LEA	4012		8/21/1941	4236	8.625	1050	surface		
WIW	ACT	30025006970001	MCA UNIT	141	CONOCOPHILLIPS CO	26	17S	32E	1950		660		32.80721	-103.73006	TS	NM	LEA	4003		8/17/1969	4230	10.750	122	surface	7.000	3855
Oil	ACT	30025006990002	MCA UNIT	142	CONOCOPHILLIPS CO	26	17S	32E	1980		1980		32.8071	-103.73435	TS	NM	LEA			9/27/1982	4280	8.250	985	surface	7.000	3636
WIW	ACT	30025007140001	MCA UNIT	145	CONOCOPHILLIPS CO	27	17S	32E	1980		660		32.80706	-103.74728	TS	NM	LEA	4033		1/1/1940	4100	12.500	20	surface	7.000	3540
Oil	ACT	30025007170000	MCA UNIT	146	CONOCOPHILLIPS CO	27	17S	32E	1980		1980		32.80707	-103.75157	TS	NM	LEA	3964		10/1/1939	3885	12.500	21	surface	5.500	3529
WIW	ACT	30025007280000	MCA UNIT	180	CONOCOPHILLIPS CO	27	17S	32E		1980		660	32.80353	-103.76019	TS	NM	LEA	3979	3984	7/16/1940	4170	8.625	288	surface	5.500	3539
Oil	ACT	30025007240000	MCA UNIT	181	CONOCOPHILLIPS CO	27	17S	32E		1980		1980	32.80352	-103.75589	TS	NM	LEA	3990		4/20/1940	4011	13.000	40	surface	5.500	3582
WIW	ACT	30025007180000	MCA UNIT	184	CONOCOPHILLIPS CO	27	17S	32E		1980	1980		32.80351	-103.75157	TS	NM	LEA	3958		12/12/1939	4009	12.500	20	surface	5.500	3566
Oil	ACT	30025007320002	MCA UNIT	185	CONOCOPHILLIPS CO	27	17S	32E		1345	1345		32.80176	-103.74951	TS	NM	LEA	3954	3964	9/2/1969	4274	8.625	66	surface		
WIW	ACT	30025007010000	MCA UNIT	189																						

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y/Liner	Intermediate Casing/Liner			Production Casing/Liner			Completion Interval		PBD	TD
	Size: in.	Depth: ft.	TOC	Size: in.	Depth: ft.	TOC	Top	Btm		
surface				5.500	5914	surface	5466	5536	5900	5950
surface				5.500	10195	surface	6385	6654	8890	10200
surface				5.500	7012	surface	5478	6535	6991	7022
surface				5.500	6998	surface	5512	6800	6924	7000
surface				5.500	7020	surface	5480	6820	6980	7035
surface				5.500	7004	surface	6060	6820	6968	7017
surface				5.500	7034	surface	5476	6710	6975	7046
surface				5.500	7018	surface	5480	6760	6962	7042
surface				5.500	7048	surface	5477	6800	6995	7048
surface				5.500	7008	surface	5484	6800	6895	7015
surface				5.500	7025	surface	5520	6820	6945	7025
surface				5.500	7119	surface	5482	6720	7045	7119
surface				5.500	7134	2080	5538	6860	7060	7148
surface				5.500	7009	surface	5482	6870	6955	7040
surface				5.500	7123	surface	5462	6820	7041	7123
surface				5.500	7312	surface	5502	6880	7248	7315
surface				5.500	7006	surface	5470	6770	6950	7015
surface				5.500	7132	surface	5550	6820	7082	7140
surface				5.500	7102	surface	5485	6780	7048	7112
surface				5.500	7018	surface	5505	6810	6949	7018
surface				5.500	7128	surface	5540	6840	7076	7140
surface				5.500	7107	surface	5505	6800	7064	7117
surface				5.500	7080	surface	5500	6770	7034	7090
surface				5.500	7013	surface	5470	6770	6962	7027
surface				5.500	7124	surface	5530	6870	7050	7135
surface				5.500	7120	surface	5514	6950	7065	7130
surface				5.500	7114	surface	5468	6850	7068	7124
surface				5.500	7119	surface	5540	6900	7060	7130
surface				5.500	7100	surface	5600	6850	7040	7110
				5.500	4298		3975	4212		4320
surface				5.500	6999	surface	5475	6780	6934	7010
1900				5.500	3565	2500	3565	4112	4112	4112
900				4.500	3980	surface	3852	4000	4000	4054
				7.000	4151	1200	3900	4072	4120	4151
1800	4.500	3775	1800	3.000	3476-4087	3476	3849	4064	4087	4090
				5.500	4099	2000	3801	4030	4093	4100
1800				5.500	3237-4158	3237	3838	4145	4156	4160
2500				4.500	4119	surface	3784	4116	4117	4152
2000	4.500	3765	1000	3.094	3332-4092	3332	3786	4030	4086	4096
surface	5.500	3547	surface	4.500	3328-4120	3328	3824	4090	4120	4120
surface				4.500	3891	surface		4058	4058	4058
				7.000	3797	surface	3797	4142	4142	4198
122	4.500	3990	surface	2.875	3689-4291	3689	4052	4281	4285	4292
2500				5.000	4081	surface	4081	4280	4280	4280
1530	4.500	3818	300	2.875	3300-4148	3299	3878	4120	4151	4151
2300				4.500	3202-4072	3202	3826	4078	4103	4105
2000				4.500	3821	300	3821	4170	4170	4170
2600				4.500	4181	surface	3898	4150	4180	4181
surface	4.500	3835	296	2.375	3377-4165	3377	3946	4140	4156	4180
				5.500	4265	surface	4029	4212	4232	4265
surface				5.500	4280	surface	4154	4256	4280	4280
2602				4.500	3348-4329	3348	4038	4292	4329	4329
2000				4.500	3615	surface	3615	4073	4073	4073
				4.500	4260	2300	4040	4246	4254	4260
				5.500	4185	2100	3806	4051	4136	4185
				5.500	4200	2300	3865	4130	4170	4200
				5.500	4250	2650	3734	4119	4228	4250
				5.500	4250	2100	3829	4036	4237	4250
				5.500	4200	2600	3816	4132	4152	4200
				5.500	4250	1900	3964	4094	4220	4250
				5.500	4175	1800	3803	4015	4127	4175
				5.500	4200	1770	3802	4092	4164	4200
				5.500	4215	2300	3889	4128	4170	4215

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Type	Status	API	Lease	Well	Operator Name	Sec	Twp	Rng	FNL	FSL	FEL	FWL	Latitude	Longitude	L&L Srce	State	County	Elevation		Spud Date	Driller TD	Surface Casing			Intermediate Casing	
Oil	ACT	30025243680000	MCA UNIT	334	CONOCOPHILLIPS CO	25	17S	32E	1345			25	32.80888	-103.72783	TS	NM	LEA	4017	4028	2/5/1973	4325	8.625	1054	surface	4.000	3996
Oil	ACT	30025243690000	MCA UNIT	335	CONOCOPHILLIPS CO	27	17S	32E	1345		1295		32.80881	-103.74934	TS	NM	LEA	3965	3976	2/13/1973	4136	8.625	893	surface		
Oil	ACT	30025243750000	MCA UNIT	337	CONOCOPHILLIPS CO	27	17S	32E	2615		25		32.80531	-103.74521	TS	NM	LEA	3950	3961	3/2/1973	4280	8.625	900	surface		
Oil	ACT	30025243760000	MCA UNIT	338	CONOCOPHILLIPS CO	22	17S	32E		2615		1295	32.81971	-103.75813	TS	NM	LEA	4005	4016	3/10/1973	4150	8.625	846	surface		
Oil	ACT	30025244620000	MCA UNIT	341	CONOCOPHILLIPS CO	22	17S	32E		100	150		32.81278	-103.74561	TS	NM	LEA	3975	3986	7/17/1973	4150	8.625	846	surface		
Oil	ACT	30025244830000	MCA UNIT	343	CONOCOPHILLIPS CO	26	17S	32E	2565			2615	32.80549	-103.73662	TS	NM	LEA	3975	3986	8/4/1973	4375	8.625	930	surface		
Oil	ACT	30025245130000	MCA UNIT	346	CONOCOPHILLIPS CO	27	17S	32E		55		1200	32.79823	-103.75843	TS	NM	LEA	3970	3981	9/7/1973	4425	8.625	1010	surface		
Oil	ACT	30025245150000	MCA UNIT	347	CONOCOPHILLIPS CO	27	17S	32E	1245		160		32.80908	-103.74564	TS	NM	LEA	3967	3978	9/16/1973	4175	8.625	916	surface		
Oil	ACT	30025245270000	MCA UNIT	348	CONOCOPHILLIPS CO	27	17S	32E		1345	25		32.80175	-103.74521	TS	NM	LEA	3950	3961	9/25/1973	4400	8.625	929	surface		
Oil	ACT	30025245470000	MCA UNIT	351	CONOCOPHILLIPS CO	26	17S	32E	1485		1225		32.80848	-103.7319	TS	NM	LEA	4005	4016	10/22/1973	4350	8.625	966	surface		
Oil	ACT	30025245830000	MCA UNIT	353	CONOCOPHILLIPS CO	27	17S	32E		175		2615	32.79855	-103.75382	TS	NM	LEA	3960	3971	11/8/1973	4350	8.625	980	surface		
Oil	ACT	30025245990000	MCA UNIT	354	CONOCOPHILLIPS CO	23	17S	32E		75	2615		32.81274	-103.73642	TS	NM	LEA	3990	4000	11/24/1973	4275	8.625	963	surface		
Oil	ACT	30025249270000	MCA UNIT	366	CONOCOPHILLIPS CO	26	17S	32E	1117			1245	32.80945	-103.74107	TS	NM	LEA	3972	3988	10/23/1985	4250	13.375	827	surface	8.625	2406
Oil	ACT	30025298550000	MCA UNIT	367	CONOCOPHILLIPS CO	23	17S	32E		75	1495		32.81276	-103.73278	TS	NM	LEA	4005	4015	3/27/1987	4353	13.375	397	surface	8.625	2353
WIW	ACT	30025389720000	MCA UNIT	399	CONOCOPHILLIPS CO	27	17S	32E		2130		1330	32.804	-103.7578	TS	NM	LEA	3978	3991	12/5/2008	4348	8.625	959	surface		
Oil	ACT	30025389730000	MCA UNIT	400	CONOCOPHILLIPS CO	27	17S	32E		2505		660	32.80503	-103.75998	TS	NM	LEA	3987	4001	11/30/2008	4285	8.625	960	surface		
Oil	ACT	30025389740000	MCA UNIT	401	CONOCOPHILLIPS CO	26	17S	32E	1330			2134	32.80897	-103.73835	TS	NM	LEA	3977	3989	3/6/2009	4417	8.625	1017	surface		
Oil	ACT	30025388550000	MCA UNIT	402	CONOCOPHILLIPS CO	26	17S	32E		2630		761	32.80532	-103.74282	TS	NM	LEA	3949	3962	8/5/2008	4477	8.625	975	surface		
WIW	ACT	30025389750000	MCA UNIT	404	CONOCOPHILLIPS CO	26	17S	32E		1310		561	32.8017	-103.74347	TS	NM	LEA	3936	3948	2/27/2009	4523	8.625	1017	surface		
WIW	ACT	30025388590000	MCA UNIT	405	CONOCOPHILLIPS CO	34	17S	32E	160			1936	32.79769	-103.7558	TS	NM	LEA	3957	3970	8/13/2008	4566	8.625	1056	surface		
Oil	ACT	30025389770000	MCA UNIT	408	CONOCOPHILLIPS CO	27	17S	32E		1310	660		32.8017	-103.74745	TS	NM	LEA	3950	3963	1/19/2009	4476	8.625	1027	surface		
Oil	ACT	30025389810000	MCA UNIT	413	CONOCOPHILLIPS CO	34	17S	32E	10		1880		32.79809	-103.75142	TS	NM	LEA	3962	3975	1/14/2009	4620	8.625	1072	surface		
WIW	ACT	30025389820000	MCA UNIT	414	CONOCOPHILLIPS CO	27	17S	32E		660	2630		32.79994	-103.75386	TS	NM	LEA	3970	3983	1/4/2009	4510	8.625	1025	surface		
Oil	ACT	30025389830000	MCA UNIT	415	CONOCOPHILLIPS CO	27	17S	32E		1310		2055	32.80173	-103.75543	TS	NM	LEA	3980	3993	1/9/2009	4412	8.625	1029	surface		
Oil	ACT	30025389840000	MCA UNIT	416	CONOCOPHILLIPS CO	27	17S	32E		660		1330	32.79996	-103.75778	TS	NM	LEA	3975	3988	9/2/2008	4465	8.625	1014	surface		
WIW	ACT	30025389860000	MCA UNIT	418	CONOCOPHILLIPS CO	27	17S	32E		1310		660	32.80175	-103.75997	TS	NM	LEA	3969	3982	12/15/2008	4380	8.625	970	surface		
Oil	ACT	30025394280000	MCA UNIT	448	CONOCOPHILLIPS CO	26	17S	32E	660		2630		32.81082	-103.73664	TS	NM	LEA	3981		3/13/2013	4350	8.625	992	surface		
WIW	ACT	30025393060000	MCA UNIT	453	CONOCOPHILLIPS CO	26	17S	32E	1330			610	32.80895	-103.74331	TS	NM	LEA	3969	3981	3/27/2009	4407	8.625	1004	surface		
Oil	ACT	30025393140000	MCA UNIT	457	CONOCOPHILLIPS CO	26	17S	32E	1905			1330	32.80738	-103.74097	TS	NM	LEA	3966	3978	5/15/2009	4454	8.625	1000	surface		
Oil	ACT	30025393150000	MCA UNIT	458	CONOCOPHILLIPS CO	26	17S	32E		610		10	32.79977	-103.74527	TS	NM	LEA	3942	3954	4/15/2009	4550	8.625	992	surface		
Oil	ACT	30025393460000	MCA UNIT	461	CONOCOPHILLIPS CO	26	17S	32E		1930	2555		32.80339	-103.73641	TS	NM	LEA	3959	3971	5/3/2009	4531	8.625	1087	surface		
WIW	ACT	30025393180000	MCA UNIT	462	CONOCOPHILLIPS CO	26	17S	32E		1830		1330	32.80312	-103.74097	TS	NM	LEA	3947	3959	3/16/2009	4480	8.625	1040	surface		
Oil	ACT	30025393190000	MCA UNIT	463	CONOCOPHILLIPS CO	26	17S	32E		2105		10	32.80388	-103.74527	TS	NM	LEA	3952	3965	4/9/2009	4412	8.625	1004	surface		
Oil	ACT	30025393470000	MCA UNIT	464	CONOCOPHILLIPS CO	26	17S	32E		2512	1754		32.80499	-103.7338	TS	NM	LEA	3969	3981	5/9/2009	4545	8.625	1043	surface		
Oil	ACT	30025393240000	MCA UNIT	465	CONOCOPHILLIPS CO	26	17S	32E		2630		1805	32.80532	-103.73943	TS	NM	LEA	3965	3977	3/12/2009	4480	8.625	1008	surface		
Oil	ACT	30025394080000	MCA UNIT	468	CONOCOPHILLIPS CO	27	17S	32E	1380		710		32.80881	-103.74761	TS	NM	LEA	3967		2/19/2013	4253	8.625	916	surface		
Oil	ACT	30025393480000	MCA UNIT	471	CONOCOPHILLIPS CO	27	17S	32E	1980		1410		32.80717	-103.74989	TS	NM	LEA	3961	3975	10/2/2010	4260	8.625	938	surface		
Oil	ACT	30025394100000	MCA UNIT	473	CONOCOPHILLIPS CO	27	17S	32E	2000			1330	32.80715	-103.75781	TS	NM	LEA	4006		3/1/2013	4187	8.625	937	surface		
Oil	ACT	30025393200000	MCA UNIT	474	CONOCOPHILLIPS CO	27	17S	32E		2100	1180		32.80389	-103.74987	TS	NM	LEA	3957	3969	5/21/2009	4390	8.625	1010	surface		
WIW	ACT	30025393490000	MCA UNIT	475	CONOCOPHILLIPS CO	27	17S	32E		2580	810		32.8052	-103.74794	TS	NM	LEA	3959	3971	4/3/2009	4405	8.625	1000	surface		
Oil	ACT	30025393500000	MCA UNIT	476	CONOCOPHILLIPS CO	27	17S	32E	2630		2180		32.80544	-103.75226	TS	NM	LEA	3962	3980	9/25/2010	4270	8.625	985	surface		
Oil	ACT	30025247250001	PEARSALL 'BX'	3	MARBOB ENERGY CORP	34	17S	32E	460		860		32.79679	-103.74792	TS	NM	LEA	3954		8/2/1990	4475	8.625	1100	surface		
Oil	ACT	30025306960001	PEARSALL 'BX'	4	MARBOB ENERGY CORP	34	17S	32E	330		330		32.79715	-103.7462	TS	NM	LEA	3949	3958	6/28/1990	4715	8.625	1288	surface		
Oil	INA: SI	30025007300000	MCA UNIT	183	CONOCOPHILLIPS CO	27	17S	32E		1295	2615		32.80163	-103.75364	TS	NM	LEA	3967		12/11/1947	4205	8.625	1132	surface	7.000	3733
WIW	INA: SI	30025394290000	MCA UNIT	449	CONOCOPHILLIPS CO	26	17S	32E	760			1430				NM	LEA	3978	3991	3/25/2013	4411	8.625	969	surface		
WIW	INA: SI	30025394300000	MCA UNIT	466	CONOCOPHILLIPS CO	27	17S	32E	680		1210		32.81074	-103.74924	TS	NM	LEA	3974		3/20/2013		8.625	929	surface		
WIW	INA: SI	30025394310000	MCA UNIT	477	CONOCOPHILLIPS CO	27	17S	32E		2570		1920	32.8052	-103.75588	TS	NM	LEA	3974		3/18/2013	4207	8.625	967	surface		
	P&A	30025006340001	BAISH-FEDERAL B	5	CONOCOPHILLIPS CO	22	17S	32E		1980		860	32.81797	-103.75954	TS	NM	LEA	4010	4024	1/27/1955	13936					
	P&A	30025386980000	J C FEDERAL	14	COG OPERATING LLC	22	17S	32E	1650		330		32.82263	-103.74633	TS	NM	LEA	4010	4022	5/1/2008	7004					
	P&A	30025007020000	JOHNS D	2	FAIR OIL LIMITED	26	17S	32E		1980	660		32.80345	-103.73006	TS	NM	LEA	3983		3/30/1943	4289					
	P&A	30025006500001	MCA UNIT	35	CONOCOPHILLIPS CO	23	17S	32E	1980			660	32.82166	-103.74299	TS	NM	LEA	4006		3/10/1943	4067					
	P&A	30035006290000	MCA UNIT	36	CONOCOPHILLIPS CO	22	17S	32E	1980		660					NM	LEA			3/1/1941	4184	12.500				
	P&A	30025006330000	MCA UNIT	37	CONOCOPHILLIPS CO	22	17S	32E	1980		1980		32.82171	-103.75171	TS	NM	LEA	4002		6/22/1944	4139					

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γ/Liner	Intermediate Casing/Liner			Production Casing/Liner			Completion Interval		PBD	TD
surface				5.500	4325	2400	4017	4268	4301	4325
				5.500	4136	2100	3838	4078	4101	4136
				5.500	4200	2300	3974	4280	4280	4280
				5.500	4150	1950	3708	4088	4109	4150
				5.500	4150	surface	3854	4031	4105	4150
				5.500	4375	3106	4073	4279	4320	4375
				5.500	4425	2525	4038	4204	4220	4425
				5.500	4175	2350	3866	4119	4130	4175
				5.500	4400	2500	4075	4191	4348	4400
				5.500	4350	2500	4020	4268	4320	4350
				5.500	4350	2440	4047	4248	4300	4350
				5.500	4275	2500	3944	4143	4242	4275
surface				5.500	4250	surface	3953	4200	4237	4250
surface	7.000	2038-3600	2038	5.500	4353	surface	3971	4206	4310	4355
				5.500	4338	surface	3880	4130	4296	4348
				5.500	4275	surface	3856	4038	4233	4285
				5.500	4407	surface	3973	4225	4362	4417
				5.500	4466	surface	4010	4222	4424	4477
				5.500	4513	surface	4041	4271	4424	4523
				5.500	4563	surface	4033	4272	4506	4566
				5.500	4466	surface	4033	4280	4424	4476
				5.500	4606	surface	4093	4295	4564	4620
				5.500	4499	surface	4028	4202	4455	4510
				5.500	4402	surface	3962	4193	4361	4412
				5.500	4455	surface	4012	4274	4414	4465
				5.500	4364	surface	3934	4159	4320	4380
				5.500	4419	surface	3965	4195	4373	4436
				5.500	4385	surface	3906	4123	4341	4407
				5.500	4444	surface	3968	4224	4399	4454
				5.500	4540	surface	4095	4277	4470	4550
				5.500	4521	surface	4081	4281	4476	4531
				5.500	4469	surface	4075	4298	4426	4480
				5.500	4402	surface	3995	4244	4360	4412
				5.500	4535	surface	4057	4293	4493	4545
				5.500	4454	surface	4016	4272	4411	4480
				5.500	4304	surface	3885	4115	4258	4350
				5.500	4247	surface	3847	4099	4198	4260
				5.500	4208	surface	3825	4120	4167	4277
				5.500	4379	surface	3945	4183	4335	4390
				5.500	4400	surface	3916	4170	4358	4405
				5.500	4254	surface	3860	4083	4201	4270
				5.500	4475	2650	3456	4348	4437	4475
				5.500	4698	surface	3448	4395	4510	4712
3000				5.500	3003-3745	3745	3745	4205	4205	4205
				5.500	4397	surface	3965	4220	4347	4411
				5.500	4281	surface	3850	4080	4235	4301
				5.500	4255	surface	3840	4145	4194	4274
1932	4.500	3715	1000	2.875	3440-4111	3440	3770	4078	4111	4112

MCA Unit - Tabulation of Well Data for Wells Within the Area of Review
September 2013

Type	Status	API	Lease	Well	Operator Name	Sec	Twp	Rng	FNL	FSL	FEL	FWL	Latitude	Longitude	L&L Srce	State	County	Elevation		Spud Date	Driller TD	Surface Casing			Intermediate Casing	
	P&A	30025007120000	MCA UNIT	143	CONOCOPHILLIPS CO	26	17S	32E	1980			1980	32.80709	-103.73868	TS	NM	LEA			6/18/1941	4095					
	P&A	30025007110001	MCA UNIT	144	CONOCOPHILLIPS CO	26	17S	32E	1980			660	32.80707	-103.74298	TS	NM	LEA	3964		1/1/1940	4112					
	P&A	30025007190001	MCA UNIT	147	CONOCOPHILLIPS CO	27	17S	32E	1980			1940	32.80708	-103.75603	TS	NM	LEA	3966		5/19/1942	4100					
	P&A	30025127930001	MCA UNIT	182	CONOCOPHILLIPS CO	27	17S	32E		2615	2570		32.80526	-103.75349	TS	NM	LEA			12/20/1969	4070					
	P&A	30025007210000	MCA UNIT	186	CONOCOPHILLIPS CO	27	17S	32E		1980	660		32.8035	-103.74728	TS	NM	LEA	3951		3/8/1940	4265					
	P&A	30025007040000	MCA UNIT	187	CONOCOPHILLIPS CO	26	17S	32E		1980		660	32.80349	-103.74298	TS	NM	LEA	3941		8/16/1940	4073					
	P&A	30025007090001	MCA UNIT	188	CONOCOPHILLIPS CO	26	17S	32E		1980		1980	32.80348	-103.73869	TS	NM	LEA	3951		1/1/1969	4311					
	P&A	30025007100000	MCA UNIT	201	CONOCOPHILLIPS CO	26	17S	32E		1295		1370	32.8016	-103.74068	TS	NM	LEA	3944		8/6/1948	4314					
	P&A	30025007250000	MCA UNIT	203	CONOCOPHILLIPS CO	27	17S	32E		660	660		32.79987	-103.74728	TS	NM	LEA	3950		6/18/1940	4152					
	P&A	30025007270000	MCA UNIT	205	CONOCOPHILLIPS CO	27	17S	32E		660		1980	32.79989	-103.75589	TS	NM	LEA	3967	3975	10/18/1940	4195					
	P&A	30025008180000	MCA UNIT	227	CONOCOPHILLIPS CO	34	17S	32E	660			1980	32.79626	-103.75589	TS	NM	LEA	3952		6/15/1941	4171					
	P&A	30025008190001	MCA UNIT	228	CONOCOPHILLIPS CO	34	17S	32E	660			1980	32.79625	-103.75156	TS	NM	LEA	3958		1/1/1958	4203					
	P&A	30025240580000	MCA UNIT	302	CONOCOPHILLIPS CO	27	17S	32E		510	510		32.79946	-103.74679	TS	NM	LEA	3950	3961	11/26/1972	4400					
	P&A	30025240580000	MCA UNIT	307	CONOCOPHILLIPS CO	27	17S	32E	199		1270		32.81196	-103.74925	TS	NM	LEA	3980	3991	4/5/1972	4140					
	P&A	30025241010001	MCA UNIT	311	CONOCOPHILLIPS CO	26	17S	32E	1295			2615	32.80898	-103.73661	TS	NM	LEA			8/18/1981	4325					
	P&A	30025241280000	MCA UNIT	315	CONOCOPHILLIPS CO	27	17S	32E		1345		1295	32.80178	-103.75812	TS	NM	LEA	3975	3985	6/9/1972	4260					
	P&A	30025243700000	MCA UNIT	336	CONOCOPHILLIPS CO	23	17S	32E		1345		125	32.8162	-103.74472	TS	NM	LEA	3982	3993	2/22/1973	4200					
	P&A	30025244630000	MCA UNIT	342	CONOCOPHILLIPS CO	26	17S	32E	1225			1295	32.80915	-103.74091	TS	NM	LEA	3975	3986	7/26/1973	4240					
	P&A	30025244990000	MCA UNIT	345	CONOCOPHILLIPS CO	22	17S	32E		2515	1345		32.81942	-103.74951	TS	NM	LEA	3995	4006	8/29/1973	4122					
	P&A	30025245450000	MCA UNIT	349	CONOCOPHILLIPS CO	23	17S	32E		75		1295	32.81272	-103.74091	TS	NM	LEA	3980	3991	10/4/1973	4250					
	P&A	30025245460000	MCA UNIT	350	CONOCOPHILLIPS CO	26	17S	32E		2615		1295	32.80523	-103.74091	TS	NM	LEA	3960	3971	10/13/1973	4350					
	P&A	30025301160000	MCA UNIT	378	CONOCOPHILLIPS CO	22	17S	32E		2543	2625		32.81951	-103.75367	TS	NM	LEA	4001	4015	11/17/1987	4250					
	P&A	30025307310000	MCA UNIT	385	CONOCOPHILLIPS CO	22	17S	32E		610	1980		32.81419	-103.75157	TS	NM	LEA	3983	3993	12/9/1989	4420					
	P&A	30025351420000	MCA UNIT	387H	CONOCOPHILLIPS CO	27	17S	32E		2197		2255	32.80417	-103.75479	TS	NM	LEA	3969	3981	9/6/2000	3988					
	P&A	30025006430000	MILLER	3	WILLIAMS&COCKBURN	23	17S	32E		660		660	32.81432	-103.74298	TS	NM	LEA	3974		5/21/1936	3900					
	P&A	30025006450000	MILLER-FEDERAL A	7	KEWANEE OIL CO	23	17S	32E		710		660	32.81446	-103.74298	TS	NM	LEA	3990		10/14/1940	4035					
	P&A	30025007310000	QUEEN B	1	CONTINENTAL OIL CO	27	17S	32E		1249	2606		32.80151	-103.75362	TS	NM	LEA	3961		6/2/1948	3357					

MCA Unit - Tabulation of Well Data for Wells Within the Area of Review
September 2013

[illegible]

HOBBS OCD

SEP 09 2013

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240
Phone (505) 393-8161 Fax (505) 383-0720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1243 Fax (505) 748-0120

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 354-8178 Fax (505) 334-8170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3400 Fax (505) 478-3482State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41396	Pool Code 43329	Pool Name Maljamar; Grayburg, San Andres
Property Code 705008 31422	Property Name MCA UNIT	Well Number 510
OGRID No. 217817	Operator Name CONOCO PHILLIPS	Elevation 3995'

Surface Location

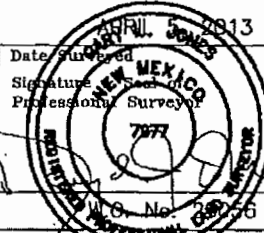
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	22	17 S	32 E		2055	SOUTH	1310	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N: 665134.6 E: 675397.6 NAD 27	N: 665145.1 E: 676028.2 NAD 27	N: 665155.0 E: 680670.6 NAD 27	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land (including the proposed bottom hole location) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Susan B. Maunder</u> 5/16/13 Signature Date Susan B. Maunder Printed Name Susan.B.maunder@conocophillips.com Email Address
N: 662458.0 E: 675414.0 NAD 27	SURFACE LOCATION Lat - N 32°49'06.52" Long - W 103°44'58.78" NAD83 NMSPCE- N 661990.0 E 720558.8 (NAD-83) Lat - N 32°49'06.09" Long - W 103°44'57.97" NMSPCE- N 661925.7 E 679380.5 (NAD-27)		
N: 659857.9 E: 675431.0 NAD 27	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  Date Surveyed Signature Professional Surveyor Certificate No. 7977 L. Jones		
N: 659875.3 E: 680708.8 NAD 27	BASIN SURVEYS 28056		

SEP 12 2013 PM

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Maljamar Cooperative Agreement (MCA) Unit 510 (New Drill) API#30-025-41396WELL LOCATION: 2055' S & 1310' E I 22 17S 32E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625"Cemented with: approx. 500 sx of cmt*or* _____ ft³Top of Cement: Surface

Method Determined: _____

Intermediate Casing

Hole Size: _____

Casing Size: _____

Cemented with: _____ sx.

or _____ ft³

Top of Cement: _____

Method Determined: _____

Production CasingHole Size: 7.875"Casing Size: 5.5"Cemented with: approx. 750 sx of cmt*or* _____ ft³Top of Cement: Surface

Method Determined: _____

Total Depth: 4345' (PBD 4290')Injection IntervalPerforated estimated 3850' feetto 4100'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)Type of Packer: 2.375" X 5.5"; 17# Nickel PlatePacker Setting Depth: 3750' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

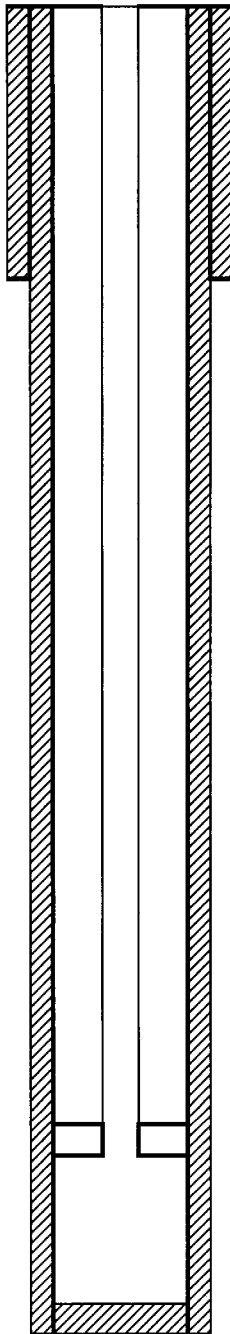
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock



PROPOSED

MCA 510 (API: 30-025-41396)
 2055 FSL & 1310 FEL, Section 22, T-17S, R32E
 Elev.: 3995

8-5/8", 24#, J-55 @ 920. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC
 PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/
 OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

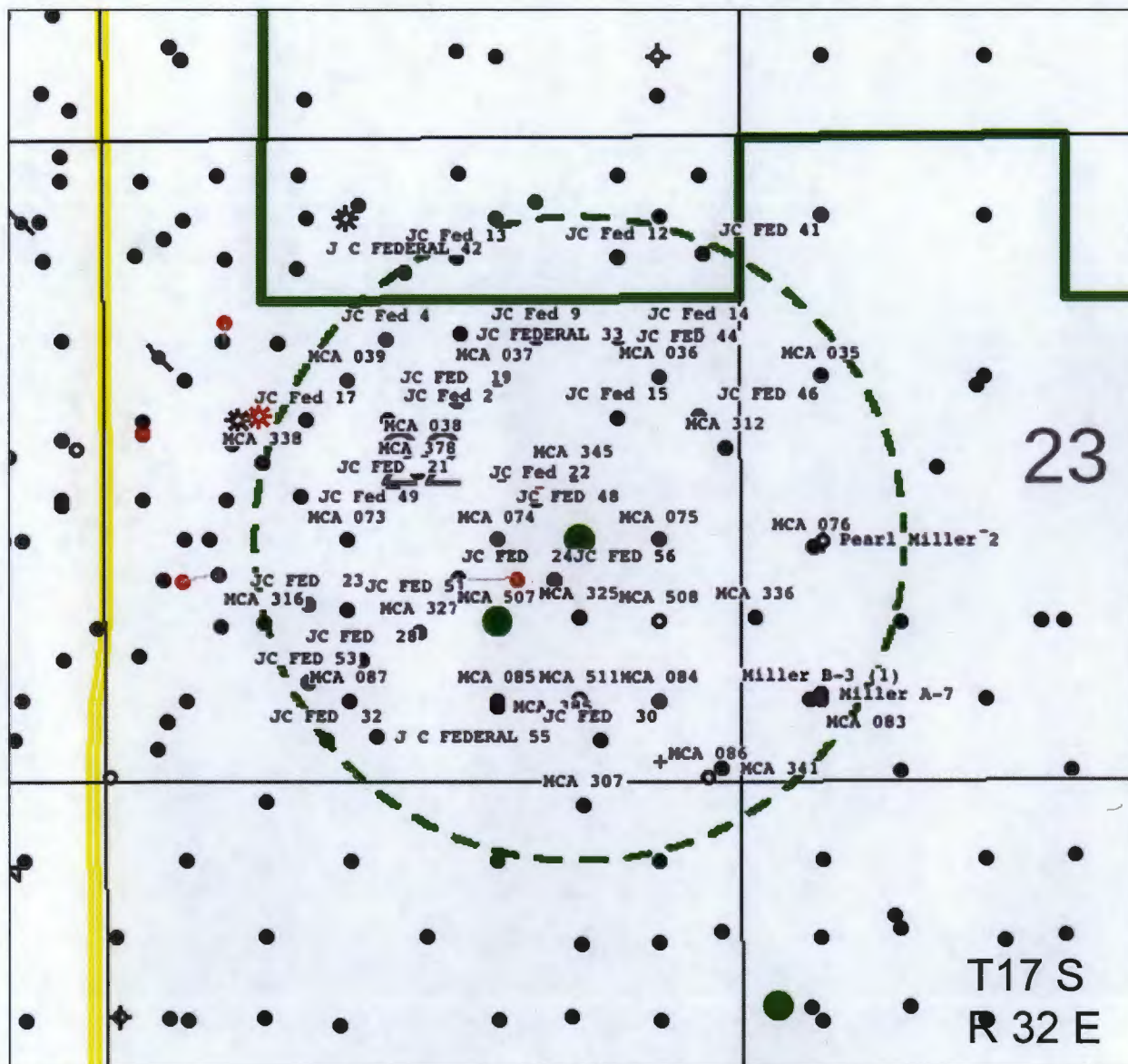
5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

Grayburg: 3850-3950 est.
 San Andres: 3950-4100 est.

5-1/2", 17#, J-55 @ 4335. Cmt to surface w/ 750 sx.

PBD: 4290 est.
 TD: 4345

Attachment 1



	
MCA # 510 Lea County, New Mexico 0.5 Mile Radius Map	
Legend	
●	Proposed Injectors
○	Location only
●	OIL
✱	GAS
✱	O&G
✱	DRY
△	INJ
●	Surface location for deviated well
—	Road and Highway
—	MCA Unit Line
By: Dewi Larasati - Staff Geologist	
March 22nd, 2013	

MCA Unit 513:API # 30-025-41399

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

Phone (505) 393-8181 Fax (505) 393-0726

DISTRICT II

811 S. First St., Artesia, NM 88210

Phone (505) 748-1283 Fax (505) 748-8725

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

Phone (505) 854-6178 Fax (505) 334-8170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41399	Pool Code 43329	Pool Name Maljamar; Grayburg, San Andres
Property Code 31422	Property Name MCA UNIT	Well Number 513
OGRD No. 217817	Operator Name CONOCO PHILLIPS	Elevation 3958'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	27	17 S	32 E		1510	SOUTH	2180	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION Lat - N 32°48'08.90" Long - W 103°45'09.93" NMSPCE - N 656161.8 E 719725.2 (NAD-83) Lat - N 32°48'08.47" Long - W 103°45'08.11" NMSPCE - N 656097.6 E 678546.8 (NAD-27)	3962.2' 3960.5' 3961.4' 3964.0' 1510' 2180'	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Susan B. Maunder</i> 5/21/13 Signature Date Susan B. Maunder Printed Name Susan B. Maunder Email Address conocophillips.com
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 13 2013 Date Surveyed Signature & Seal of Professional Surveyor Gary L. Jones Certificate No. Gary L. Jones 7977	Basin Surveys 28059
	SEP 11 2013 PM	
	SEP 11 2013	

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Maljamar Cooperative Agreement (MCA) Unit 513 (New Drill) API#30-025-41399WELL LOCATION: 1510' S & 2180' E J 27 17S 32E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625"Cemented with: approx. 500 sx of cmt*or* ft³Top of Cement: SurfaceMethod Determined: Intermediate CasingHole Size: Casing Size: Cemented with: sx.*or* ft³Top of Cement: Method Determined: Production CasingHole Size: 7.875"Casing Size: 5.5"Cemented with: approx. 750 sx of cmt*or* ft³Top of Cement: SurfaceMethod Determined: Total Depth: 4460'(PBD 4405')Injection IntervalPerforated estimated 3950' feetto 4250'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.875" Lining Material: Internal Plastic Coated (IPC)Type of Packer: 2.375" X 5.5"; 17# Nickel PlatePacker Setting Depth: 3850' (within 100' of uppermost perforation)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

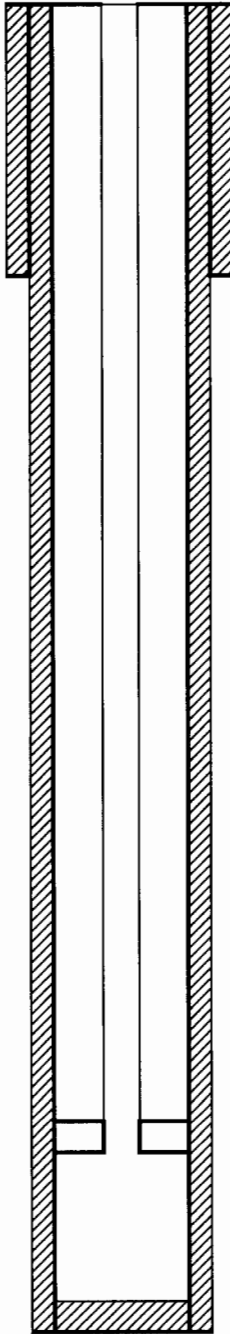
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Grayburg/San Andres

3. Name of Field or Pool (if applicable): Maljamar

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Queen; Paddock



PROPOSED

MCA 513 (API: 30-025-41399)
1510 FSL & 2180 FEL, Section 27, T-17S, R32E
Elev.: 3958

8-5/8", 24#, J-55 @ 1015. Cmt to surface w/ 500 sx.

Downhole:

Tbg: 2-3/8", 4.7#, J-55, IPC

PKR: 2-3/8" x 5-1/2", 17# internal/external nickel-plated injection PKR w/

OFT: 2-3/8" x 5-1/2", 17# nickel-plated OFT w/ XN profile (1.875 in. x 1.791 in.)

5-1/2", 17# PKR positioned within 100 ft. of uppermost perforation

Grayburg: 3950-4100 est.

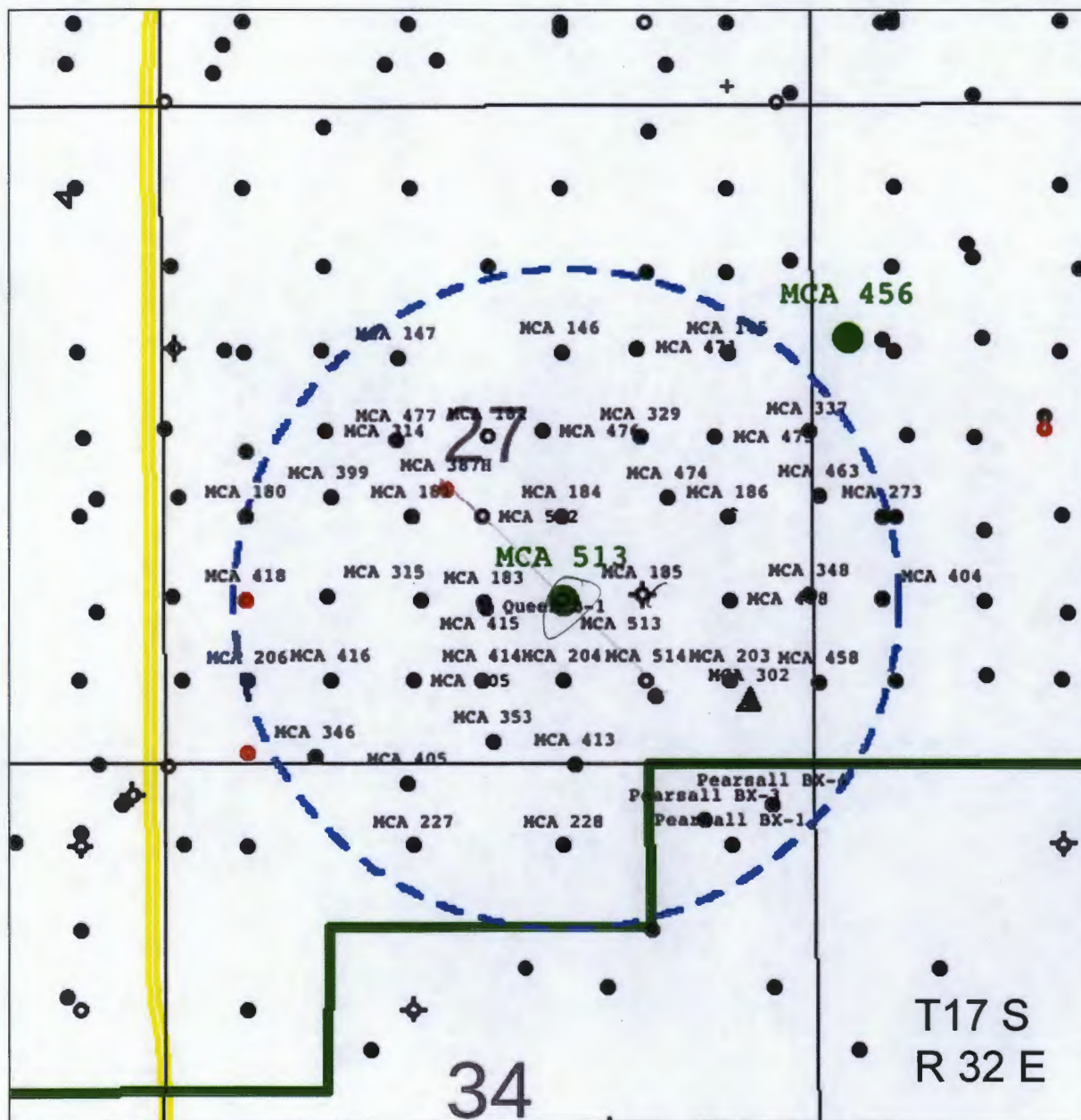
San Andres: 4100-4250 est.

5-1/2", 17#, J-55 @ 4450. Cmt to surface w/ 750 sx.

PBD: 4405 est.

TD: 4460

Attachment 1



MCA # 513
Lea County, New Mexico
0.5 Mile Radius Map

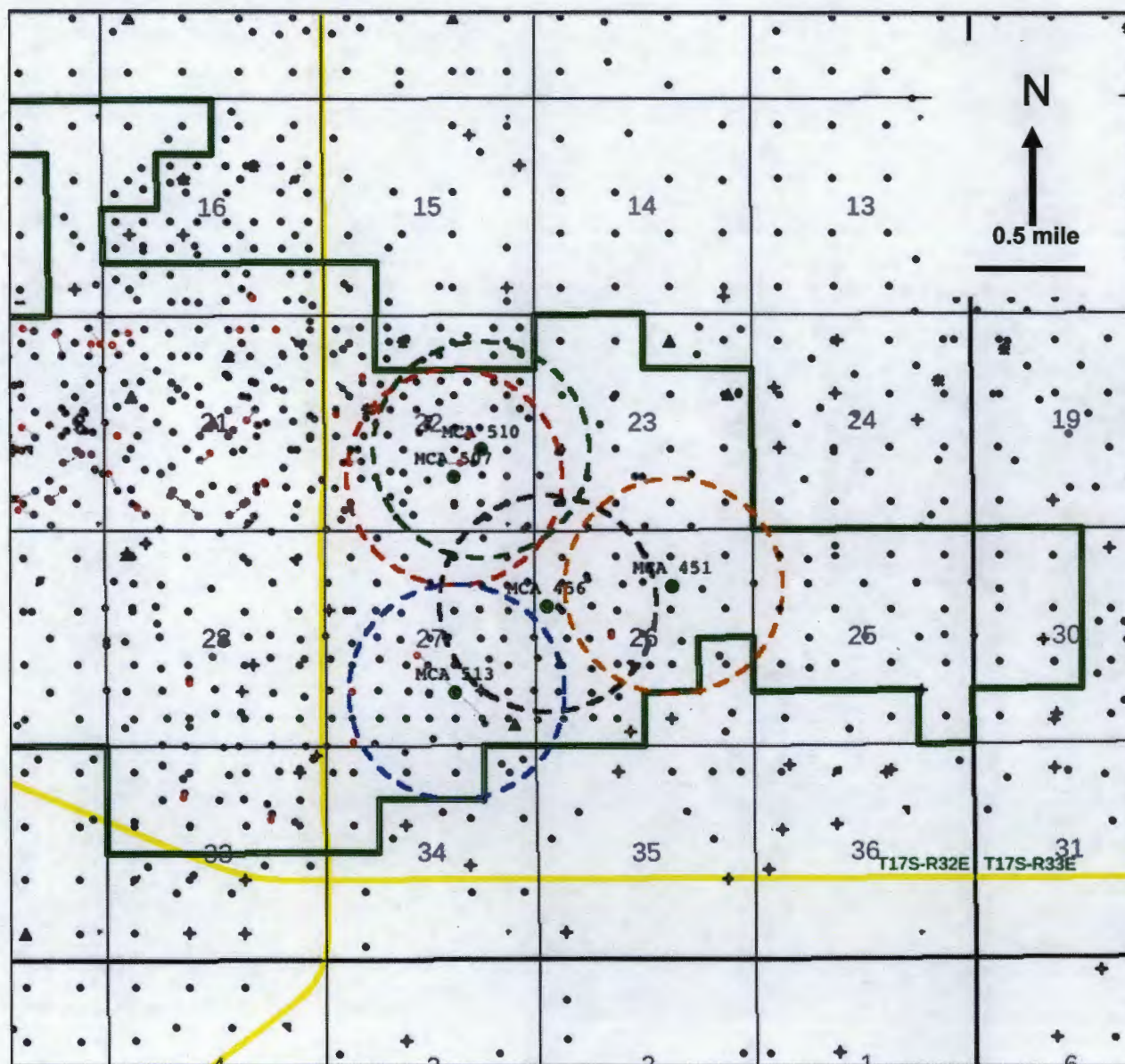
Legend

- Proposed Injectors
- Location only
- OIL
- ✱ GAS
- ✱ O&G
- ✱ DRY
- △ INJ
- Surface location for deviated well
- Road and Highway
- MCA Unit Line

By: Dewi Larasati - Staff Geologist

March 22nd, 2013

Attachment 2



ConocoPhillips

**MCA # 451, # 456, # 507, # 510,
and # 513
Lea County, New Mexico
2 Mile Radius Map**

Legend

- Proposed Injectors
- Location only
- OIL
- ★ GAS
- ★ O&G
- ★ DRY
- △ INJ
- Surface location for deviated well
- Road and Highway
- MCA Unit Line

By: Dewi Larasati - Staff Geologist

March 22nd, 2013

Attachment 3

Wells Within Area of Review – Previously Submitted on 10-8-2010 (WFX-879)

The following wells were included in the tabulation of well data required for Section VI of Form C-108 submitted in conjunction with the application that resulted in WFX-879. However, they are included in this tabulation for completeness.

MCA Unit 84	MCA Unit 329
MCA Unit 82	MCA Unit 335
Miller Federal 7	MCA Unit 337
MCA Unit 83	MCA Unit 341
MCA Unit 142	MCA Unit 342
MCA Unit 125	MCA Unit 343
MCA Unit 187	MCA Unit 346
MCA Unit 123	MCA Unit 347
MCA Unit 124	MCA Unit 349
MCA Unit 188	MCA Unit 350
MCA Unit 144	MCA Unit 353
MCA Unit 143	MCA Unit 354
MCA Unit 145	MCA Unit 366
MCA Unit 122	MCA Unit 387H
MCA Unit 184	MCA Unit 402
MCA Unit 147	MCA Unit 405
MCA Unit 186	MCA Unit 399
MCA Unit 204	MCA Unit 400
MCA Unit 181	MCA Unit 401
MCA Unit 205	MCA Unit 414
MCA Unit 180	MCA Unit 415
MCA Unit 206	MCA Unit 416
MCA Unit 183	MCA Unit 418
MCA Unit 185	MCA Unit 453
MCA Unit 273	MCA Unit 457
MCA Unit 307	MCA Unit 462
MCA Unit 311	MCA Unit 474
MCA Unit 314	MCA Unit 465
MCA Unit 315	MCA Unit 471
MCA Unit 322	MCA Unit 475

Attachment 4
MCA Grayburg-San Andres Unit
Tabulation of Well Data

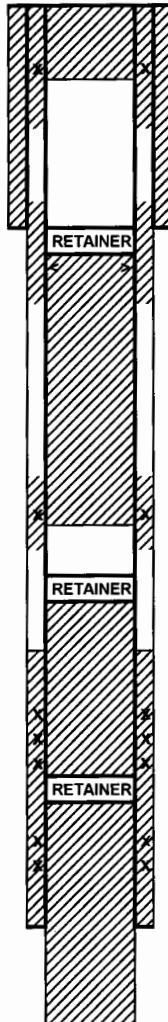
This attachment includes two pages of data for wells within ½ mile radius of proposed injection wells.

Attachment 5
MCA Grayburg-San Andres Unit
Well Schematics of Plugged and Abandoned Wells

Well bore diagrams for plugged and abandoned wells included in this submittal are listed below.

Well Name and Number	API Number
MCA 35	30-025-00650
MCA 37	30-025-00633
MCA 38	30-025-12780
MCA 39	30-025-00632
MCA 74	30-025-00627
MCA 76	30-025-00659
MCA 80	30-025-00656
MCA 81	30-025-00657
MCA 82	30-025-00644
MCA 85	30-025-00640
MCA 87	30-025-00626
MCA 124	30-025-00706
MCA 125	30-025-00700
MCA 143	30-025-00712
MCA 144	30-025-00711
MCA 147	30-025-00719
MCA 182	30-025-12793
MCA 186	30-025-00721
MCA 187	30-025-00704
MCA 188	30-025-00709
MCA 201	30-025-00710
MCA 203	30-025-00725
MCA 205	30-025-00727
MCA 227	30-025-00818
MCA 228	30-025-00819
MCA 302	30-025-24298
MCA 307	30-025-24058
MCA 311	30-025-24101
MCA 315	30-025-24128
MCA 336	30-025-24370
MCA 342	30-025-24463
MCA 345	30-025-24499
MCA 349	30-025-24545
MCA 350	30-025-24546
MCA 378	30-025-30116
MCA 385	30-025-30731
MCA 387	30-025-35142
Baish Federal B-5 (aka Baish B-12)	30-025-00634
JC Federal 14	30-025-38698
Johns D-2	30-025-00702
Miller 3 (aka Pearl Miller A-3)	30-025-00643
Miller Federal A-7	30-025-00645
Queen B-1 (aka Queen B-35 & K. Baish B-35)	30-025-00731
USA Miller 1	30-025-00713

MCA 35 (API: 30-025-00650)
 1980 FNL & 660 FWL, Sec. 23, T17S, R32E
 Elev.: 4008 GL



8-5/8", 32# @ 1250. Cmt w/ 100 sx.

11.1987: P&A:
 Set Cement Retainer (CR) @ 3197.
 Squeeze 296 sx cmt below CR. Spot 4 sx cmt above CR
 Set Cement Retainer (CR) @ 2315 (bad csg section: 2788-3100).
 Squeeze 325 sx cmt below CR (estimated 241 sx behind csg)
 Perforate 5-1/2" csg @ 1125
 Set Cement Retainer (CR) @ 1030.
 Squeeze 400 sx cmt below CR. Spot 1 sx cmt above CR (estimated 290 sx behind csg)
 Pump 100 sx down 5-1/2" csg. Circ cmt to surface up 5-1/2" x 8-5/8" annulus (hole in csg @341).

11.1987: Csg Condition:
 341: hole in 5-1/2" csg
 1800-1900: external corrosion
 2085: hole in 5-1/2" csg
 3124: hole in 5-1/2" csg
 3370: hole in 5-1/2" csg
 3496: hole in 5-1/2" csg

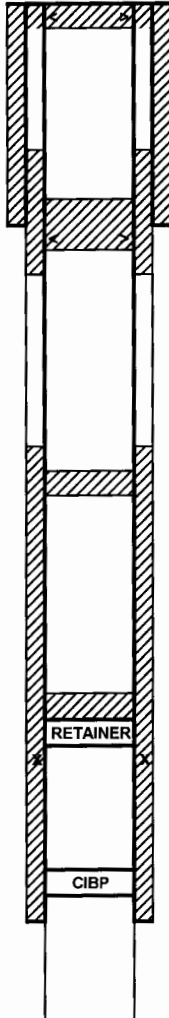
06.1973: Squeeze csg leak @ 3456 w/ 200 sx.

5-1/2", 14# @ 3600. Cmt w/ 100 sx. TOC: 2600.

Completion Interval:
 Open-Hole Interval: 3600-4067

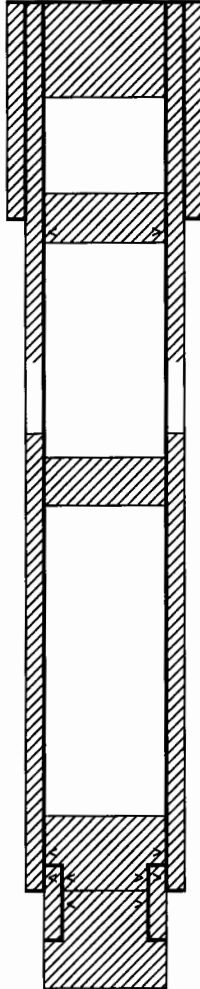
TD: 4067

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08.1944: TD: 4139; PBD: 4118

MCA 38 (API: 30-025-12780)
 2555 FNL & 2615 FWL, Sec. 22, T17S, R32E
 Elev.: 4000 GL



07.1946: 8-5/8", 24#, J-55 @ 898. Cmt w/ 65 sx.

P&A:

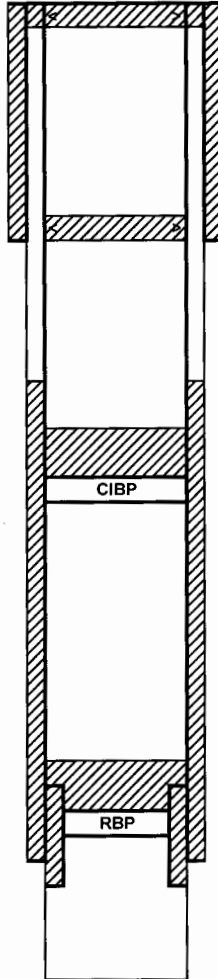
12.1977: Squeezed 300 sx below PKR. Displace to 3472 (tagged 01.1991)
 Perforate 7" csg @ 999-1001.
 Squeeze 7" x 8-5/8" annulus (from surface) w/ 60 sx (cmt column: surface-877).
 Squeeze 7" (through perforations @ 1000) w/ 250 sx.
 Dri out cmt: 878-1036. Tag PBD @ 3472.

01.1991: Tag cmt @ 3472
 Spot 25 sx cmt plug: 1905-2050
 Spot 30 sx cmt plug: 800 (tagged)-1000
 Spot 75 sx cmt plug: surface-350

08.1973: Squeeze 5-1/2" liner & OH: 3904-4102 w/ 175 sx.
 Dri out cmt to PBD @ 3668
 Selectively Perforate: 3596-3660 (gross)

08.1946: 7", 20# @ 3699. Cmt w/ 150 sx. TOC: 1820
 08.1946: 5-1/2", 14# liner: 3679-3904. Cmt w/ 20 sx
 09.1946: Completion Interval:
 Perforated Interval: 3782-3818, 3863-3867
 Open-Hole Interval: 3904-4102
 09.1946: TD: 4102

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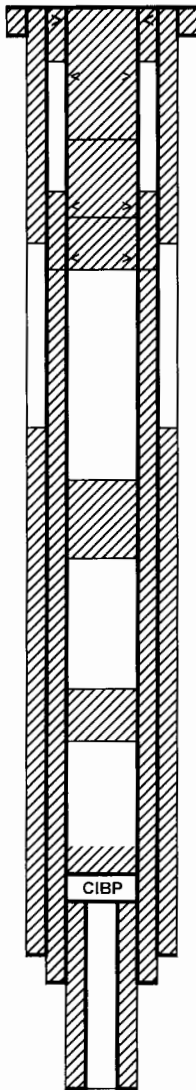


04.2003: P&A:
 Tag RBP @ 3412
 Spot 30 sx cmt plug: 3312-3412 (RBP)
 Set CIBP @ 1985
 Spot 30 sx cmt plug: 1885-1985 (CIBP)
 Perforate 7" csg @ 965. Unable to pump-in @ 1500#.
 Spot 30 sx cmt plug: 915-1015
 Perforate 7" csg @ 50.
 Pump 45 sx down 7" csg & circ cmt to surface up 7" x 8-5/8" annulus

Completion Interval: 3674-4090 OH

TD: 4090

MCA 74 (API: 30-025-00627)
 1980 FSL & 1980 FEL, Sec. 22, T17S, R32E
 Elev.: 3994 KB; 3984 GL



05.1940: 12-1/2" @ 20. Cmt w/ 25 sx.
 09.1988: Squeeze 4-1/2" csg leak interval: 78-110 w/ 100 sx.

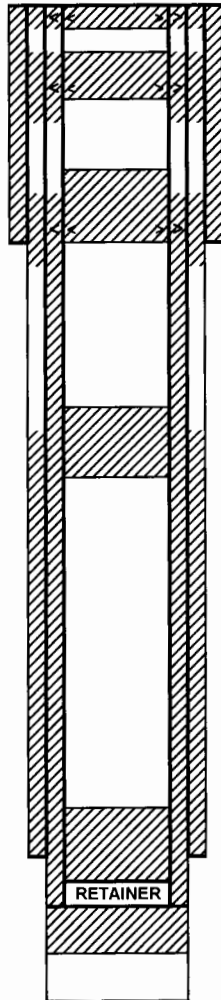
P&A:

06.2013: Set CIBP @ 3420. Circ hole w/ 10# mud.
 Spot 25 sx cmt plug: 3200-3420 (CIBP).
 Spot 25 sx cmt plug: 2650-2850
 Spot 25 sx cmt plug: 1775 (tagged)-2068
 Perforate: 1010. Squeeze 25 sx below PKR @ 720. WOC. Cmt plug: 834 (tagged)-1010
 Perforate: 800. Unable to pump-in @ 2000#.
 Spot 25 sx cmt plug 510 (tagged)-850
 Perforate: 300. Unable to pump-in @ 2000#.
 Spot cmt plug: surface-510. POOH w/ tbq
 Squeeze additional 40 sx down csg & out csg leak interval: 78-110 (09.1988: sq w/ 100 sx.)

07.1940: 7", 20# @ 3596. Cmt w/ 450 sx in 2 stages. Stg-1: 250 sx @ 3596. Stg-2: 200 sx @ 879.
 09.1973: 4-1/2", 9.5# @ 3715. Cmt w/ 375 sx. TOC: 1000 (temperature survey)
 10.1988: 2-7/8" FG liner: 3440-4111. cmt w /140 sx. Squeeze liner shoe w/ additional 100 sx.

07.1941: OTD: 4010
 03.1945: NTD: 4112

MCA 76 (API: 30-025-00659)
 1910 FSL & 590 FWL, Sec. 23, T17S, R32E
 Elev.: 4006 DF



03.1940: 8-5/8", 24# @ 979. Cmt w/ 75 sx.

P&A:

02.2005: Tag Cement Retainer (CR) @ 3787. Squeeze 60 sx cmt below CR
 Spot 30 sx cmt plug: 3353-3787 (CR)
 Spot 25 sx cmt plug: 1663-2025
 Perforate 4-1/2" (and 7") csg @ 1029. Establish circulation from 7" x 8-5/8" annulus
 Squeeze 65 sx below PKR. Cmt column: 700 (tagged)-1029. Placed 42 sx behind csg
 Perforate 4-1/2" (and 7") csg @ 400. Establish circulation from 7" x 8-5/8" annulus
 Squeeze 50 sx below PKR. Cmt column: 250-400. Placed 40 sx behind csg.
 Perforate 4-1/2" (and 7") csg @ 50. establish circulation from 7" x 8-5/8" annulus
 Pump 40 sx down 4-1/2" csg. Circ cmt to surface in 4-1/2" x 7" & 7" x 8-5/8" annulus

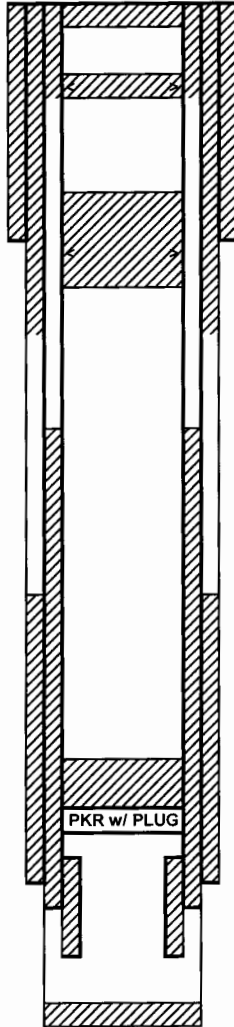
04.1940: 7", 20# @ 3601. Cmt w/ 150 sx. TOC: 1800 (calculated)

12.1974: 4-1/2", 9.5# @ 3829. Cmt w/ 325sx. TOC: 100 (temperature survey)

04.1996: Set Cement Retainer @ 3787
 Completion Interval: 3829-4120 OH

TD: 4120

MCA 80 (API: 30-025-00656)
 660 FSL & 660 FEL, Sec. 23, T17S, R32E
 Elev.: 4021 DF; 4014 GL



10.1941: 8-5/8", 32# @ 1048. Cmt w/ 50 sx.

03.1945: Squeeze 7" csg perforations @ 1130 w/ 135 sx.

12.2002: P&A:
 Tag CIBP @ 3537. Spot 25 sx cmt plug: 3204-3537
 Perforate @ 1100. Unable to pump-in @ 2000#
 Spot 25 sx cmt plug: 802 (tagged)-1167
 Perforate @ 400.
 Squeeze 100 sx below PKR. Cmt 7" x 8-5/8" : surface-400
 Spot 5 sx cmt plug: surface-30.

06.1992: Set blanking plug in PKR @ 3567

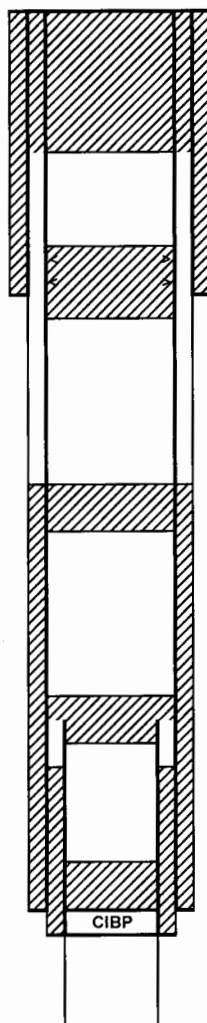
11.1941: 7", 20# @ 3703. Cmt w/ 250 sx.

03.1945: 4-1/2", 9.5# @ 3814. Cmt w/ 50 sx. TOC: 1800

01.1977: 3-1/2", 8.8#, N-80 FG liner: 3651-4025. Cmt w/ 50 sx.

Completion Interval: 4025-4200 OH
 TD: 4295; PBD: 4200

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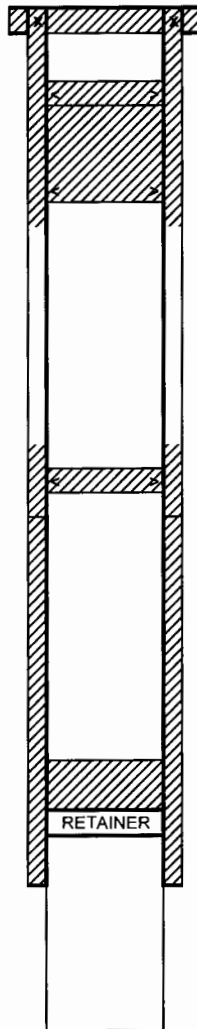


P&A:

11.1943: 7", 22# @ 3800. Cmt w/ 250 sx. TOC: 2000
09.1970: 4-1/2", 9.5# @ 3918. Cmt w/ 75 sx. TOC: 3250 (temperature survey)

TD: 4253

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MCA 82 (API: 30-025-00644)
660 FSL & 1980 FWL, Sec. 23, T17S, R32E
Elev.: 3988 KB; 3981 GL

- 01.1940: 12-1/2", 32# @ 21. Cmt w/ 25 sx
- 07.1989: Squeeze 5-1/2" csg leak interval: 62-120 w/ 150 sx
- 02.1985: Squeeze 5-1/2" csg leak interval: 88-102 w/ 400 sx

09.2004: P&A:
Tag CICR @ 3350. Spot 25 sx cmt plug: 3109-3350 (CR)
Perforate 5-1/2" csg @ 2015.
Squeeze 35 sx below PKR. Cmt column: 1909 (tagged)-2015 w/24 sx behind csg
Perforate 5-1/2" csg @ 775. Unable to pump in @ 1500#
Perforate 5-1/2" csg @ 400. Unable to pump in @ 1500#
Spot 60 sx cmt plug: 266 (tagged)-838
Perforate 5-1/2" csg @ 50.
Pump 25 sx down 5-1/2" x 12-1/2" annulus. Circ cmt to surface up 5-1/2" csg. Cmt column: surface-50

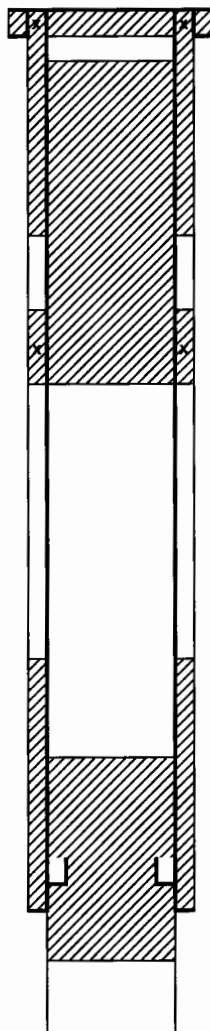
- 12.1994: Set Cement Retainer @ 3350
- 02.1940: 5-1/2", 14# @ 3585. Cmt w/ 200 sx. TOC: 2061

Completion Interval: 3585-4160

TD:4160

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MCA 85 (API: 30-025-00640)
660 FSL & 1980 FEL, Sec. 22, T17S, R32E
Elev.: 3988 GL



02.1940: 12-1/2", 32# @ 20. Cmt w/ 20 sx

P&A:

08.1989: Tag OH fill @ 3824
Spot 200 sx cmt & displace w/ 17.5 bbl. Tag cmt @ 3002.
Spot 236 sx cmt plug: 142-1512.
Pump 89 sx down 7" csg. Close 7" csg valve & squeeze (est 78 sx behind 7" csg) to 600#.

7" Casing Condition:

7" csg leak interval: 30-90 (Mill-out 3-1/2" ft. section @ 65 ft.: 08.18.89)

7" csg leak interval: 1326-1390 (05.1971)

05.1971: 4-1/2", 9.5# liner: surface-3526 (csg PKR)

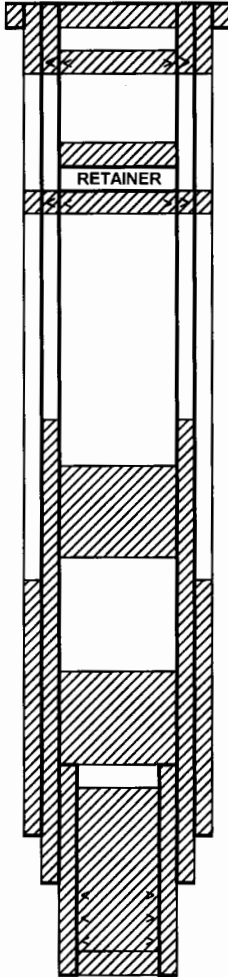
08.1989: Jet-cut 4-1/2" @ 3480. POOH w/ 4-1/2" csg (reported 22 ft. of 4-1/2" csg & 4-1/2" x 7" csg PKR left in hole)

03.1940: 7", 20# @ 3535. Cmt w/ 400 sx. TOC: 2600 (temperature survey)

Completion Interval: 3535-4093

TD:4093

MCA 87 (API: 30-025-00626)
660 FSL & 1980 FWL, Sec. 22, T17S, R32E
Elev.: 4002 DF



04.1940: 12-3/4" @ 53. Cmt w/ 25 sx

04.2001: P&A:

Squeeze perforation interval w/ total 70 sx below PKR. Displace cmt to 3420.

Spot 25 sx cmt plug: 2904-3267

Spot 25 sx cmt plug: 2020 (tagged)-2381

Perforate 4-1/2" csg (and 7" csg) @ 900.

Squeeze 30 sx cmt below Cement Retainer (CR) @ 793.

Spot 10 sx cmt plug: 648-793 (CR)

Perforate 4-1/2" csg (and 7" csg) @ 300.

Squeeze 125 sx cmt below PKR. Cmt column: 170 (tagged)-300

Spot 5 sx cmt plug: surface-60

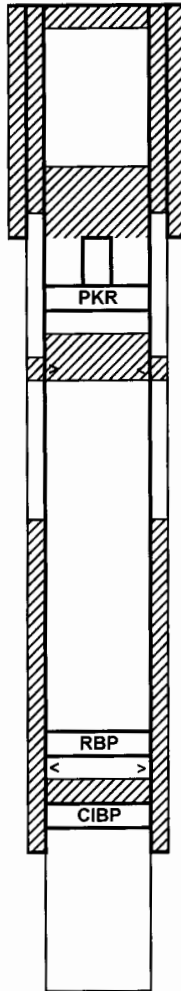
06.1940: 7", 20# @ 3606. Cmt w/ 250 sx. TOC: 2500

08.1972: 4-1/2", 9.5# @ 3777. Cmt w/ 275 sx. TOC: 1800

Perforated Interval: 3830-4110 (gross)

10.1988: 3" FG liner: 3275-4148. Cmt w/ 140 sx. Squeezed shoe w/ 100 sx. Drl out to PBD @ 4143.
TD: 4154. PBD: 4143

MCA 124 (API: 30-025-00706)
 660 FNL & 1980 FWL, Sec. 26, T17S, R32E
 Elev.: 3990



08.1996: P&A
 Tag top of cut-off tbq @ 995. Test csg @ 500#. Circ well w/ plugging mud
 Spot 25 sx cmt plug: 750-995
 Spot 10 sx cmt plug: surface-100.

Squeeze hole in 5-3/4" csg @ 900 w/ 150 sx cmt. Cmt 5-3/4"x 8-1/4" annulus to surface.

04.1940: 8-1/4" @ 1020. Cmt w/ 150 sx

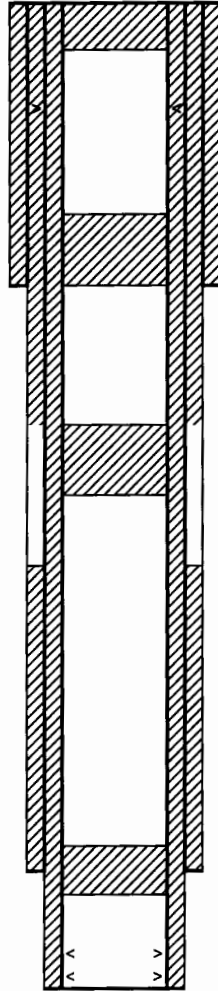
Squeeze hole in csg @ 1590 w/ 50 sx cmt
 PKR @ 1247 (stuck PKR). Cut tbq @ 995.

RBP @ 3158
 07.1995: Perforation Interval: 3276-3296
 07.1995: CIBP @ 3390. Cap w/ 35 ft cmt

05.1940: 5-3/4", 19.7# @ 3553. Cmt w/ 200 sx. TOC: 2200 est.
 Completion Interval: 3553-4165 OH

06.1940: TD @ 4165

MCA 125 (API: 30-025-00700)
660 FNL & 1980 FEL, Sec. 26, T17S, R32E
Elev.: 3992 DF; 3990 GL



03.1990: 7" csg leak interval: 428-460 squeezed w/ 200 sx. Circ cmt to surface.

12.1942: 8-5/8", 28# @ 1179. Cmt w/ 50 sx.

P&A:

08.1996: Spot 15 sx cmt plug: 3605-3830
Spot 25 sx cmt plug: 1781-2150
Spot 25 sx cmt plug: 881-1250
Spot 10 sx cmt plug: surface-150

02.1942: 7", 20# @ 3737. cmt w/ 100 sx. TOC: 2437 est.

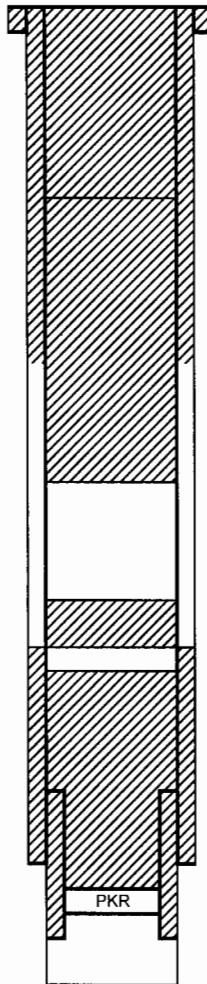
Completion Interval:

Grayburg: 4006-4066 (gross)
San Andres: 4076-4198 (gross)

04.1991: 4-1/2", 10.5# K-55 @ 4220. Cmt w/ 350 sx. Circ cmt to surface.
TD 4220

MCA 143 (API: 30-025-00712)
1980 FNL & 1980 FWL, Sec. 26, T17S, R32E
Elev.: 3979 DF; 3971 GL

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06.1941: 8-5/8" @ 21. Cmt w/ 10 sx.

05.1999: P&A

RIH w/ tbg & PKR. Set PKR @ 3200. Unable to pump-in @ 2000#. POOH w/ tbg & PKR
Spot 55 sx cmt plug: 2873 (tagged)- 3710
Spot 25 sx cmt plug: 2510-2750
Spot 110 sx cmt plug: 753 (tagged)- 2000
Spot 70 sx cmt plug: surface-732
Squeeze 430 sx down 5-1/2" csg to 450#.

03.1993: Isolate 5-1/2" csg leak interval: 186-882

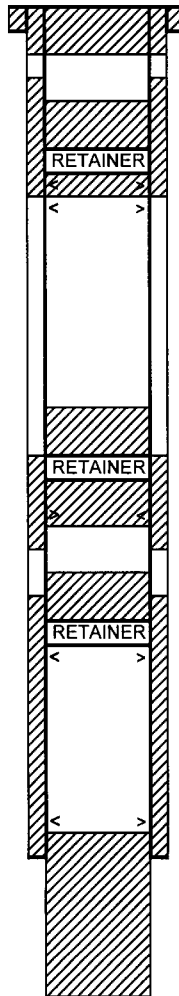
07.1941: 5-1/2", 14# @ 3545. Cmt w/ 200 sx. TOC: 2690 est.

PKR @ 3711

01.1971: 4-1/2", 11.3# FJ Hydrill liner: 3297-3900. Cmt w/ 50 sx.
Completion Interval: 3900-4083 (OH)
TD: 4083; PBD: 4077

MCA 144 (API: 30-025-00711)
 1980 FNL & 660 FWL, Sec. 26, T17S, R32E
 Elev.: 3964 DF

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02.1940: 12-1/2", 32# @ 20. Cmt w/ 25 sx.

08.1987: P&A

Set Cement Retainer @ 2716. Pump 175 sx below CR. Spot 25 sx cmt above CR
 Tag cmt @ 171 (CR failed). Dri out cmt to 2395. Locate 5-1/2" csg interval: 2155-2190
 Set Cement Retainer @ 2032. Squeeze 5-1/2" csg leak interval: 2155-2190 w/ 75 sx below CR (58 sx behind csg).
 Spot 25 sx cmt above CR. Cmt column: 1790-2032 (CR)
 Perforate 5-1/2" csg 850-854. Unable to pump-in.
 Perforate 5-1/2" csg 700-704.
 Set Cement Retainer @ 628. Squeeze 75 sx below CR (67 sx behind csg).
 Spot 25 sx cmt above CR. Cmt column: 387-628 (CR)
 Pump 45 sx cmt down 5-1/2" x 12-1/2".
 Spot 26 sx cmt: surface-240.

10.1972: Spot 150 sx cmt. Tag cmt @ 3960
 Spot 250 sx cmt plug: 3278 (tagged)-3948. Dri out cmt to 3496.
 Perforate 5-1/2" csg 2810-2815 & 3475-3490.

07.1971: Squeeze 5-1/2" csg leak interval: 3471-3529 w/ 200 sx. Rev out 100 sx. Re-squeeze w/ 50 sx.

03.1940: 5-1/2", 14#, J-55 @ 3536. Cmt w/ 200 sx. TOC: 2500

Completion Interval: 3536-4139 OH

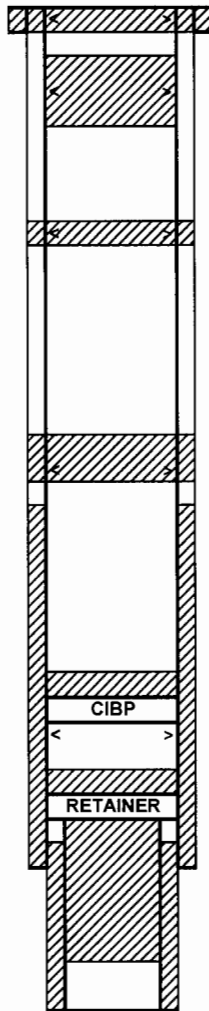
04.1940: TD: 4023

06.1940: TD: 4112

08.1947: TD: 4139

MCA 147 (API: 30-025-00719)
 1980 FNL & 1980 FWL, Sec. 27, T17S, R32E
 Elev.: 3996 GL

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12.1939: 12-1/2" @ 20. Cmt w/ 25 sx.

09.2004: P&A

Tag CIBP @ 3130

Spot 25 sx cmt plug: 2883-3130 (CIBP)

Perforate 5-1/2" csg @ 1930. Squeeze 35 sx below PKR. Cmt column: 1800 (tagged)-1930

Perforate 5-1/2" csg @ 1000. Squeeze 35 sx below PKR. Cmt column: 885 (tagged)-1000

Perforate 5-1/2" csg @ 400. Unable to pump-in @ 1000#. Spot 25 sx cmt plug: 235 (tagged)-465

Perforate 5-1/2" csg @ 50. Squeeze 30 sx down 5-1/2" csg. Circ cmt to surface up 5-1/2" x 12-1/2" annulus

04.19.00: CIBP @ 3130

05.1995: Queen: 3178-3204

03.1995: Cement Retainer (CR) @ 3335. Squeeze 57 sx cmt below CR. Spot cmt on top of CR. PBD: 3295

01.1940: 5-1/2", 14#, J-55 @ 3543. Cmt w/ 250 sx. TOC: 2100

09.1989: Completion Interval:

Grayburg: 3856-3894 (gross)

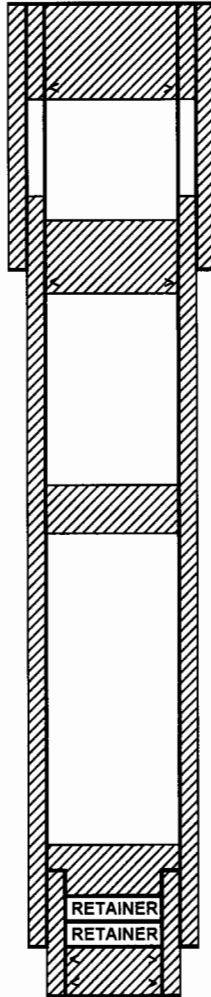
San Andres: 3912-4030 (gross)

09.1989: 4-1/2", 9.5#, J-55 FJ liner: 3337-4149. Cmt w/ 250 sx. TOC: 3564

Perforate 4-1/2" liner @ 3760. Squeeze liner w/ 200 sx.

TD: 4150; PBD: 4149

MCA 182 (API: 30-025-12793)
 2515 FSL & 2750 FEL, Sec. 27, T17S, R32E
 Elev.: 3966 DF; 3956 GL



1948: 8-5/8", 28#, H-40 @ 1085. Cmt w/ 100 sx. Circ cmt to surface.

10.2004: P&A

Sting in to Cement Retainer (CR) @ 3835 (in-place 03.1999). Squeeze 35 sx cmt below CR.
 Spot 45 sx above CR. Cmt column: 2420 (tagged)-3835 (CR). Drilled-out cmt: 2414-3900 (TOL)
 Set Cement Retainer (CR) @ 3788. Squeeze 40 sx cmt below CR.
 Spot 45 sx above CR. Cmt column: 3520-3788 (CR).
 Spot 30 sx cmt plug: 1991-2170
 Perforate 5-1/2" csg @ 1135. Unable to pump-in @ 1000#.
 Spot 40 sx cmt plug: 945 (tagged)-1185
 Perforate 5-1/2" csg @ 400. Pump 100 sx down 5-1/2" csg. Circ cmt up 7" x 8-5/8" to surface

03.09.99: Cement Retainer @ 3835

1948: 7", 23#, J-55 @ 3862. Cmt w/ 238 sx. TOC: 772 est.

08.1989: 5-1/2", 15.5#, J-55 FJ liner: 3564-4100. Cmt w/ 175 sx. TOC: 3900 (TOL)

09.1989: Completion Interval:

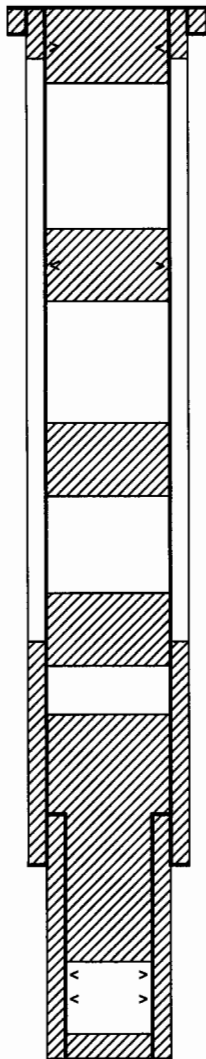
Grayburg: 3885-3930 (gross)

San Andres: 3954-4069 (gross)

TD: 4100; PBD: 4099

MCA 186 (API: 30-025-00721)
 1980 FSL & 660 FEL, Sec. 27, T17S, R32E
 Elev.: 3954 DF; 3951 GL

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03.1940; 12-1/2" @ 20. Cmt w/ 25 sx. Cmt circ to surface.

07.1996: P&A

Spot 60 sx cmt plug: 2955 (tagged)-3927.

Perforate 5-1/2" csg @ 1100. Unable to pump-in.

Spot 25 sx cmt plug: 2410-2650

Spot 25 sx cmt plug: 1710-1950

Spot 30 sx cmt plug: 910-1200

Spot 30 sx cmt plug: 0-300. Squeeze hole in csg @ 195. Tag cmt @ 210 (20 sx behind csg).

Pump 55 sx down 5-1/2' csg from surface (5-1/2" cmt column: surf 195 w/ 35 sx behind csg).

08.1989: 4-1/2" liner: 3326-4250. Cmt w/ 350 sx. TOC: 3326 (TOL)

04.1940: 5-1/2", 14# @ 3555. Cmt w/ 400 sx TOC: 2600

Completion Interval:

Grayburg: 4008-4135 (gross)

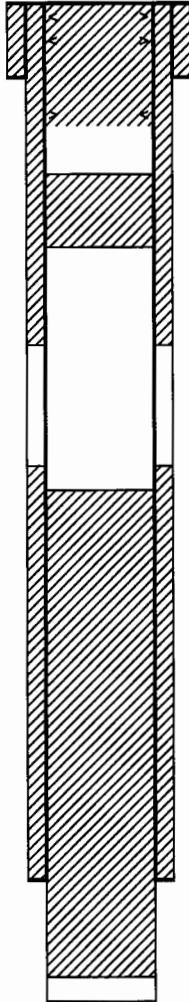
San Andres: 4172-4206 (gross)

05.1940: TD: 4094

11.1971: TD: 4195

08.1989: TD: 4250; PBD: 4244

MCA 187 (API: 30-025-00704)
1980 FSL & 660 FWL, Sec. 26, T17S, R32E
Elev.: 3943 DF



08.1940: 8-5/8" @ 282. Cmt w/ 50 sx. Cmt circ to surface.

10.1989: P&A

Tag top 225 sx cmt plug @ 2015 (in-place 1971). Spot
Spot 21 sx cmt plug: 800 (tagged)-1000
Squeeze parted csg @ 465 w/ 230 sx down csg. Displace cmt to 175.
Perforate 5-1/2" csg @ 150. Squeeze w/ 75 sx cmt down 5-1/2" csg. Cmt column: 65 (tagged)-150
Perforate 5-1/2" csg @ 60. Squeeze w/ 75 sx cmt down 5-1/2" csg. Circ 5-1/2" x 8-5/8" w/ cmt to surface

07.1971: Place 225 sx cmt plug: 2054-3949

09.1940: 5-1/2", 14# @ 3559. Cmt w/ 250 sx TOC: 2000

Completion Interval: 3559-4073 OH

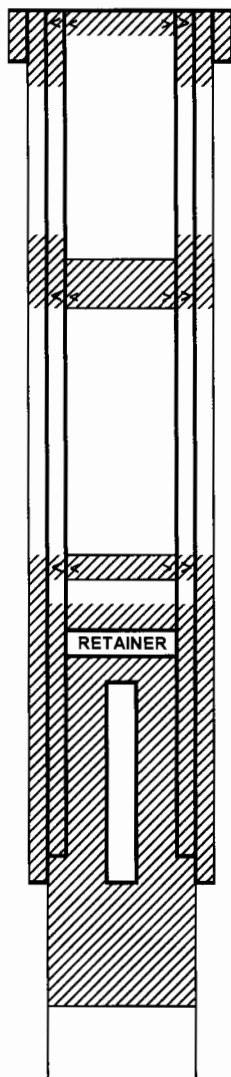
PBD:

TD: 4073

10.1940: TD well.

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MCA 188 (API: 30-025-00709)
1980 FSL & 1980 FWL, Sec. 26, T17S, R32E
Elev.: 3960 DF



04.1941: 8-5/8" @ 21. Cmt w/ 25 sx.

01.2004: P&A
Set Cement Retainer (CR) @ 2608. Sq 100 sx below CR. ISIP: 2050#.
Spot 10 sx cmt plug: 2456-2608 (CR)
Perforate @ 2290. Sq 25 sx below PKR @ 1863. ISIP: 1500#. Cmt column: 2190-2290.
Perforate @ 1200. Sq 50 sx below PKR @ 845. ISIP: 950#. Cmt column: 1040 (tagged)-1200
Perforate @ 60. Sq 45 sx down csg. Cmt column: surface-60.

06.1941: Squeeze split 5-1/2" csg @ 2628 w/ 62sx.

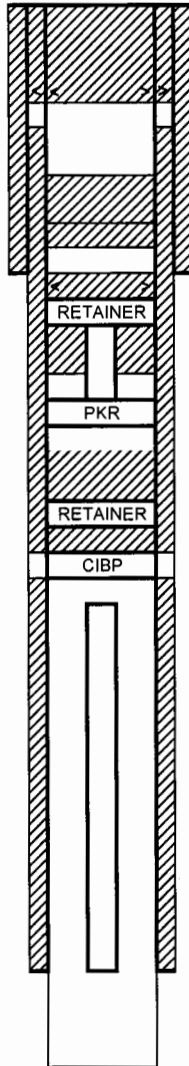
12.2003: Left-in-Hole (below CIBP @ 2608):
2-3/8", 4.7#, J-55 tbq: 2645-3450 (est)
Sucker Rods & pump: 2680-3450 (inside tbq)

4-1/2", 9.5# @ 3362
06.1941: 5-1/2", 14# @ 3482. Cmt w/ 300 sx TOC: 2300

Completion Interval: 3482-4318 OH

PBD:
Old TD: 4192 06.1941:
New TD: 4318 11.1969:

MCA 201 (API: 30-025-00710)
 1295 FSL & 1370 FWL, Sec. 26, T17S, R32E
 Elev.: 3957 KB; 3947 GL



09.1989: Sq csg leak interval: 104-907 w/ 273 sx.

08.1948: 8-5/8", 28# @ 1187. Cmt w/ 75 sx.

04.2006: P&A

Set Cement Retainer (CR) @ 2127. Sq 75 sx below CR. Spot 10 sx cmt plug: 2030-2127.

Sq 5-1/2" csg leak interval: 1968-2032 w/ 75 sx below PKR @ 1683. Cmt column: 1790 (tagged)-2032

Cut tbg @ 1250. Left-in-hole:

tbg: 1250-1683 & PKR @ 1683 w/ rope socket, collar locator, de-centralizer & cutter sub inside tbg

Set Cement Retainer (CR) @ 1240. Sq total 120 sx below CR.

Perforate 4-1/2" csg @ 1237. Sq 60 sx below PKR @ 984. Cmt column: 1105 (tagged)-1237

Spot 15 sx cmt plug: 889 (tagged)-1016

Spot 10 sx cmt plug: 790-889

Perforate 4-1/2" csg @ 400. Pump 200 sx cmt down 4-1/2" csg & circ 4-1/2" x 8-5/8" to surface.

10.27.05: CIBP @ 2230

Left-in-Hole (below CIBP @ 2230):

2-3/8", 4.7#, J-55 tbg: 2249-3989

Sucker Rods & pump: 2257-3989 (inside tbg)

09.1948: 4-1/2", 9.5# @ 3896. Cmt w/ 100 sx. TOC: 2300 est.

Completion Interval: 3896-4310 OH

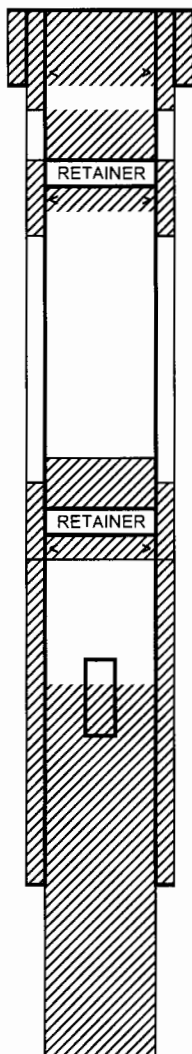
PBD:

Old TD: 4135 10.1948:

New TD: 4310 08.1971:

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MCA 203 (API: 30-025-00725)
660 FSL & 660 FEL, Sec. 27, T17S, R32E
Elev.: 3953



06.1940: 8-5/8" @ 229. Cmt w/ 50 sx.

P&A

07.1987: Perforate 5-1/2" csg @ 2178. Sq 75 sx below retainer @ 2140.
Spot 25 sx cmt plug: 1861 (tagged)-2140 (CR)
Perforate 5-1/2" csg @ 750. Sq 75 sx below retainer @ 693.
Spot 25 sx cmt plug: 452-693 (CR)
Perforate 5-1/2" csg @ 250. Pump 115 sx down 5-1/2" csg & circ 5-1/2" x 8-5/8" to surface

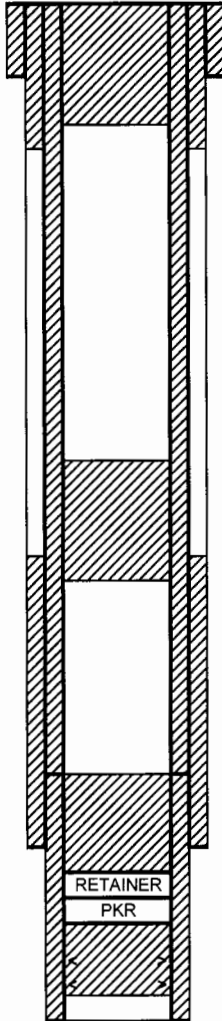
12.1972: Spot 210 sx cmt plug: 2688-4152. Left 5 jts 2-3/8" tbg in well (2637-.2795 est)

10.1940: 5-1/2" @ 3522. Cmt w/ 250 sx. TOC: 2200 est.

Completion Interval: 3522-4152 OH

PBD:
TD: 4152

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10.1940: 8-5/8", 28# @ 307. Cmt w/ 50 sx.

05.1979: Sq 5-1/2" csg leak interval 467-527 w/ 172 sx
Sq 5-1/2" csg leak interval 467-527 w/ 100 sx

03.1991: Sq 5-1/2" csg leak interval 467-527 w/ 100 sx

P&A

12.1998: Set cmt retainer @ 3603 (above PKR 3690) . Sq 40 sx below retainer.
Spot 25 sx cmt plug: 3225 (tagged)- 3603 (cmt retainer)
Spot 25 sx cmt plug: 1900-2400
Spot 25 sx cmt plug: surface-500.

08.1991: Run 4-1/2", 11# tie-back: 3159 to surface. Cmt w/ 150 sx. Circ cmt to surface.

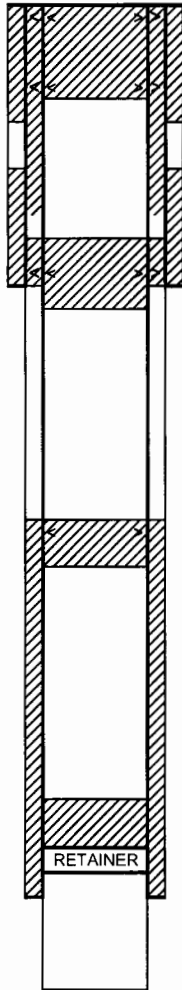
10.1940: 5-1/2", 15.5#, J-55 @ 3510. cmt w/ 250 sx. TOC: 2320.

Completion Interval:

Grayburg: 3960-4078 (gross)
San Andres: 4110-4142 (gross)

10.1983: 4", 11.6#, J-55 liner: 3159-4195. Cmt w/ 55 sx.

MCA 227 (API: 30-025-00818)
660 FNL & 1980 FWL, Sec. 34, T17S, R32E
Elev.:



06.1941: 8-5/8" @ 1135. Cmt w/ 50 sx.

03.2005: P&A

Tag Retainer @ 3700. Spot 30 sx cmt plug: 3525-3700

Perforate 7" csg @ 2260. Unable to pump-in @ 1800#. Spot 30 sx cmt plug: 2235 (tagged)-2437.

Perforate 7" csg @ 1185. Unable to pump-in @ 1000#. Spot 40 sx cmt plug: 1030 (tagged)-1246.

Perforate 7" csg @ 400. Sq w/ 150 sx below PKR @ 30. Cmt column: 75 (tagged)-400; 97 sx behind pipe.

Perforate 7" csg @ 75. Pump 50 sx down 7" csg & circ cmt to surface.

01.2000: Set Cement Retainer (CR) @ 3701

07.1941: 7" @ 3743. Cmt w/ 100 sx TOC 2443.

Completion Interval: 3743-4200 (OH)

TD: 4200

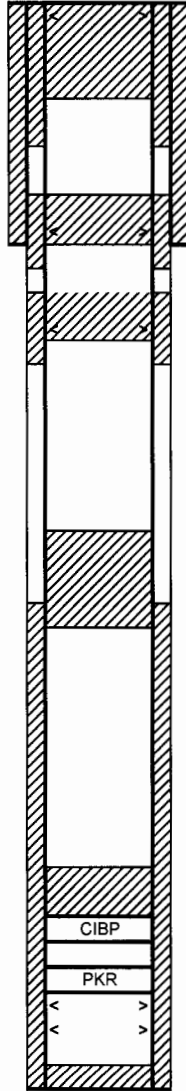
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Completion Interval:

MCA 302 (API: 30-025-24298)
 510 FSL & 510 FEL, Sec. 27, T17S, R32E
 Elev.: 3959 KB; 3948 GL

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02.14.90: Pump 100 sx cmt down 4-1/2" x 8-5/8" annulus.

8-5/8", 20# @ 990. Cmt w/ 550 sx. Cmt circ to surface

P&A:

11.2006: Tag 3968. Spot 25 sx cmt plug: 2138-2508
 Perforate 4-1/2" csg @ 1300. Sq w/ 40 sx. Tag cmt @ 1146.
 Perforate 4-1/2" csg @ 1040. Sq w/ 50 sx. Tag cmt @ 886.
 Perforate 4-1/2" csg @ 50. Unable to pump-in.
 Spot 30 sx cmt plug: surface-412

05.24.00: CIBP @ 4015. Dump 3 sx cmt on top of CIBP: 3968 (tagged: 11.16.06)-4015

12.12.95: PKR @ 4048.

Completion Interval:

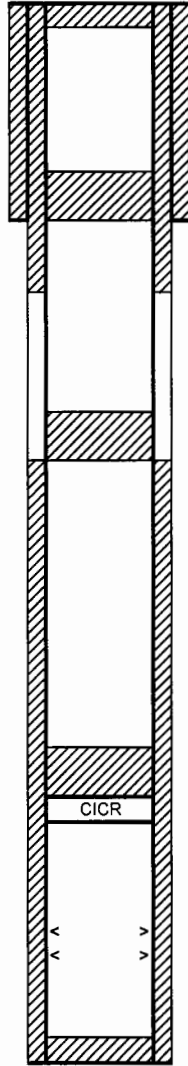
Grayburg: 4101-4214 (gross)

San Andres: 4277-4350 (gross)

4-1/2", 9.5#, J-55 @ 4400. Cmt w/ 400 sx. TOC: 2400. PBD: 4359

PBD: 4359
 TD: 4400

MCA 307 (API: 30-025-24058)
25 FNL & 1345 FEL, Sec. 27, T17S, R32E
Elev.: 4002 KB; 3991 GL



10.07.82: Pump 200 sx cmt down 5-1/2" x 8-5/8" annulus.

04.05.72 8-5/8", 20# @ 850. Cmt w/ 425 sx. Cmt circ to surface

09.2001: P&A:

Set CICR @ 3404. Unable to obtain pump-in rate @ 2000#.

Spot 25 sx cmt plug: 3167 (tagged)-3404

Spot 25 sx cmt plug: 1705-1919

Spot 25 sx cmt plug: 654-901

Spot 10 sx cmt plug: surface-60

Completion Interval:

Grayburg: 3830-3908 (gross)

San Andres: 3994-4083 (gross)

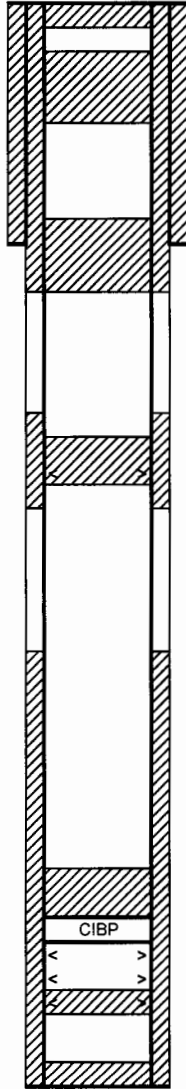
09.01.89: Drl out to 4120 (new PBD).

5-1/2", 14#, J-55 @ 4140. Cmt w/ 300 sx. TOC: 1850 (temp survey). PBD: 4070 (original)

PBD: 4120

TD: 4140

MCA 311 (API: 30-025-24101)
1295 FNL & 2615 FWL, Sec. 26, T17S, R32E
Elev.: 3993 KB; 3982 GL



05.09.72: 8-5/8", 24# @ 1000. Cmt w/ 500 sx. Cmt circ to surface

01.1978: Perforate 5-1/2" csg @ 1150-1152. Pump 300 sx cmt below PKR. Circ cmt to surface up 5-1/2" x 8-5/8"

09.2012: P&A:

Set CIBP @ 3919. Spot 25 sx cmt plug: 3678-3919.

Perforate 5-1/2" csg @ 2025. Squeeze 2025 below PKR w/ total 45 sx. Tag cmt @ 1850

Spot 25 cmt plug: 918-1159

Spot 25 cmt plug: 229-470

Spot 10 cmt plug: surface-60

01.1978: Squeeze csg leak interval: 2858-2873 w/ 525 sx cmt below cement retainer

01.1978: Squeeze csg leak interval: 3370-3785 w/ 175 sx cmt to 3100# below cement retainer

Completion Interval:

Grayburg: 3978-4069 (gross)

San Andres: 4078-4216 (gross)

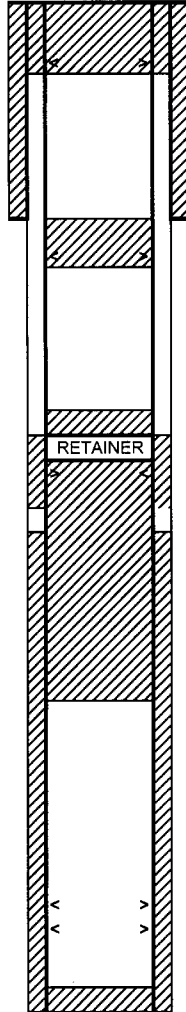
04.2001: Clean out to 4139. Rec 3' piece of csg. Spot 5 sx cmt plug. Tag 4132.

5-1/2", 14#, J-55 @ 4325. Cmt w/ 300 sx. TOC: 2860 (temp survey). PBD: 4310

PBD: 4310

TD: 4325

MCA 315 (API: 30-025-24128)
 1345 FSL & 1295 FWL, Sec. 27, T17S, R32E
 Elev.: 3975 GL



06.09.72: 8-5/8", 20#, H-40 @ 995. Cmt w/ 475 sx. Cmt circ to surface

P&A:

12.1998: Set Cmt Retainer (CR) @ 1828. Squeeze 100 sx cmt below CR. Spot 10 sx cmt plug: 1728-1828
 Perforate 5-1/2" csg @ 1050. Unable to pump-in @ 1500#. Spot 25 sx cmt plug: 900 (tagged)-1100
 Perforate 5-1/2" csg @ 300.
 Pump 80 sx down 5-1/2" csg & circ cmt to surface up 5-1/2" x 8-5/8" annulus.

07.1998: Parted 5-1/2" csg @ 1939 (left 1 jt 2-7/8" tbg in well)

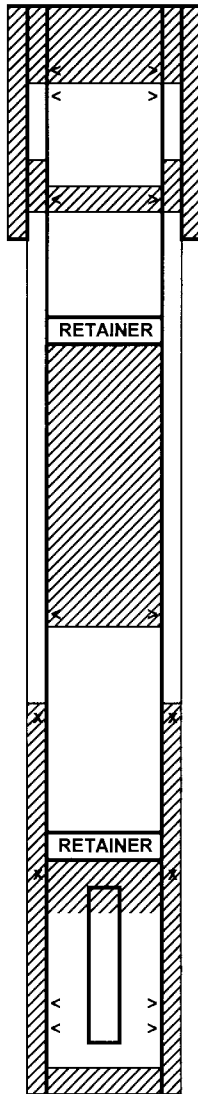
Completion Interval:

Grayburg: 3962-4046 (gross)
 San Andres: 4070-4190 (gross)

06.1972: 5-1/2", 14#, J-55 @ 4260. Cmt w/ 300 sx. TOC: 2140. PBD: 4249

PBD: 4249
 TD: 4260

MCA 336 (API: 30-025-24370)
 1345 FSL & 125 FWL, Sec. 23, T17S, R32E
 Elev.: 4002 KB; 3989 GL



02.1973: 8-5/8", 20# @ 904. Cmt w/ 400 sx. Cmt circ to surface

P&A:

12.1987: Perforate 5-1/2" csg @ 2400.
 Pump 200 sx cmt below Cement Retainer (CR) @ 1210. Tag cmt @ 1195
 Perforate 5-1/2" csg @ 800. Squeeze perforations. Cmt column: 693-800. Ran temp survey. TOC: 675.
 Perforate 5-1/2" csg @ 350. Unable to pump in
 Perforate 5-1/2" csg @ 300. PIR: 1.5 BPM @ 500#; 2 BPM @ 750#
 Perforate 5-1/2" csg @ 250. PIR: 2 BPM
 Pump 150 sx cmt down 5-1/2" csg (equivalent to 585 ft cmt column: 5-1/2", 14# & 5-1/2" x 8-5/8", 20#)

03.1981: 5-1/2" csg leak: 2730
 Set RBP @ 3300. Perforate @ 2731.
 Squeeze 100 sx below Cement Retainer @ 2682. Over-displace to clear-perfs
 Re-squeeze w/ 300 sx below cmt retainer (CR). Drl out CR & cmt. Test squeeze @ 1200# for 15 min.
 POOH w/ RBP
 Set Cement Retainer (CR) @ 3300 (above 5-1/2" csg collapse section 3395-3435).
 Squeeze 100 sx below CR @ 3300

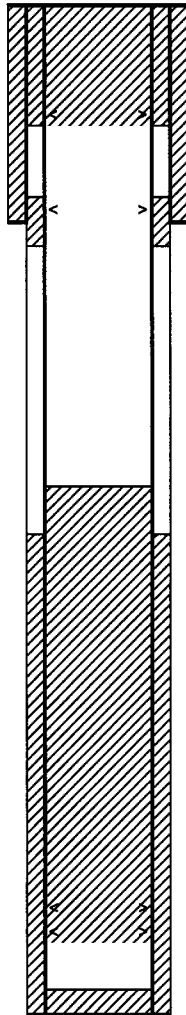
01.1976: 5-1/2" csg collapse @ 3395. Mill to 3435 (rec sliver of 5-1/2" csg & 4 ft. of formation core)
 (Left approx. 653 ft. 2-7/8" tbg in hole: 3400-4053)

03.1973: Completion Interval:
 Grayburg: 3877-3943 (gross)
 San Andres: 4032-4043 (gross)

03.1973: 5-1/2", 14# @ 4200. Cmt w/ 500 sx. TOC: 2720 (temperature survey)

03.1973: TD 4200; PBD 4103

MCA 342 (API: 30-025-24463)
 1225 FNL & 1295 FWL, Sec. 26, T17S, R32E
 Elev.: 3986 KB; 3975 GL



PBD: 4190
 TD: 4240

07.26.73: 8-5/8", 20# @ 927. Cmt w/ 450 sx. Cmt circ to surface

Re-P&A:

02.1980: Drl out 12.1976 cmt plugs, CR & cmt to 2155. Spot 20 sx cmt plug: 2000-2150.
 02.1980: Spot 15 sx cmt plug: 1000-1150
 02.1980: Perforate 5-1/2" csg @ 900. Unable to pump-in.
 02.1980: Perforate 5-1/2" csg @ 870. Unable to pump-in.
 02.1980: Perforate 5-1/2" csg @ 500. Obtain circ to surface
 02.1980: Pump 160 sx down 5-1/2" csg and circ cmt (40 sx) to surface up 5-1/2" x 8-5/8" annulus.

Original P&A:

12.1976: Cement Retainer (CR) @ 2144. Sq 350 sx below CR.
 12.1976: Perforate 5-1/2" csg @ 918-920. Pump 100 sx cmt below PKR @ 700. Displace cmt to 850.
 12.1976: Spot 10 sx surface plug

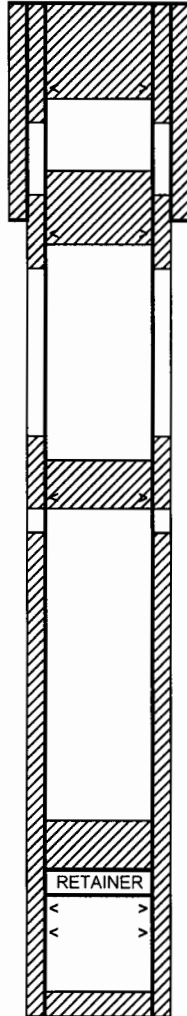
02.1976: 5-1/2" csg leak @ 2714 squeezed w/ 48 sx below cement retainer

Completion Interval:

Grayburg: 3953-4043 (gross)
 San Andres: 4099-4124 (gross)

08.1973: 5-1/2", 14# @ 4240. Cmt w/ 480 sx. TOC: 2250. PBD: 4190

MCA 345 (API: 30-025-24499)
 2515 FSL & 1345 FEL, Section 22, T17S, R32E
 Elev.: 3996 KB; 3985 GL



03.27.07: Perforate 5-1/2" csg @ 400. Pump 175 sx down 5-1/2" csg. Circ cmt to surface up 5-1/2 x 8-5/8 annulus.

08.29.73: 8-5/8", 20# @ 870. Cmt w/ 450 sx. Cmt circ to surface

03.26.07: Perforate 5-1/2" csg @ 950. Sq 75 sx cmt below PKR. Cmt plug: 750 (tagged)-9500

03.26.07: Perforate 5-1/2" csg @ 2100. Sq 40 sx cmt below PKR. Cmt plug: 1935 (tagged)-2100

03.26.07: Spot 25 sx cmt plug: 3467-3717 on top of Cement Retainer @ 3717

06.13.86: Cement Retainer @ 3717

Completion Interval:

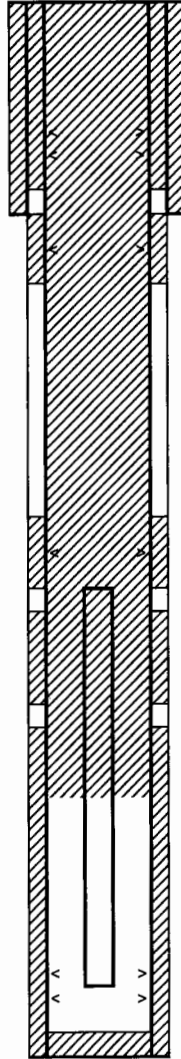
Grayburg: 3782-3838 (gross)

San Andres: 3975-4036 (gross)

08.1973: 5-1/2", 14# @ 4150. Cmt w/ 325 sx. TOC: 2200 (temp survey). PBD: 4070

PBD: 4070
 TD: 4150

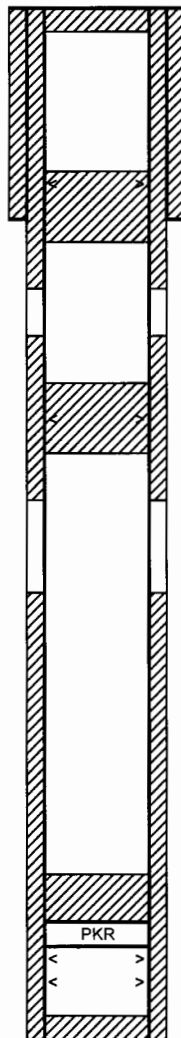
MCA 349 (API: 30-025-24545)
 75 FSL & 1295 FWL, Section 23, T17S, R32E
 Elev.: 4002 KB; 3991 GL



PBD: 4203
 TD: 4250

- 07.06.85: Perforate 5-1/2" csg @ 800. Sq w/ 250 sx. TOC unknown. Did not circ cmt to surface.
 07.04.85: Perforate 5-1/2" csg @ 865. Sq w/ 250 sx. Ran temp survey. TOC @ 846
 10.05.73: 8-5/8", 20# @ 860. Cmt w/ 500 sx.. Circ cmt to surface
- 10.2012: Sq below PKR @ 2086 w/ total 400 sx. Tag cmt @ 2186.
 Perforate 5-1/2" csg @ 2185. Sq below PKR w/ 50 sx. Tag cmt @ 2070
 Spot 100 sx cmt plug: 1085 (tagged)-2070
 Perforate 5-1/2" csg @ 1085. Sq below PKR w/ 50 sx. Tag cmt @ 775
 Perforate 5-1/2" csg @ 690. PIR: 0.25-0.50 BPM @ 2100#. Spot 15 sx cmt plug: 605-750.
 Perforate 5-1/2" csg @ 590. PIR: 0.5 BPM @ 2000#. Spot cmt plug: surface-600
 Pump 140 sx down 5-1/2" csg & circ 5-1/2" x 8-58" to surface.
- 02.22.12 5-1/2" csg window: 2274-2280
 5-1/2" csg collapsed @ 2280 (02.15.12: ran free-point; 100% free @2270; 100% stuck @ 2280)
 5-1/2" csg leak section: 2613-2727
- 07.02.85: Sq 5-1/2" csg gross interval: 2656-2727 w/ 150 sx
 07.03.85: Sq 5-1/2" csg gross interval: 2636-2727 w/ 150 sx
 07.11.85: Sq 5-1/2" csg gross interval: 2613-2727 w/ 150 sx
 5-1/2" csg restriction: 2702-2715
- Left-in-Well:
 2280-4036: 2-3/8", 4.7#, J-55 tbg
 4036-4067: 2-7/8", 6.5#, J-55 poly-lined tbg
 4067-4068: SN
 4068-4097: 2-7/8" SOPMA
- Left-in-Tubing:
 2302-4002: 3/4" Grade C sucker rods
 4002-4052: 1-1/2" sinker bars
 4052-4068: insert pump
 4068-4083: gas anchor
- Completion Interval:
 Grayburg: 3958-4039 (gross)
 San Andres: 4108-4120 (gross)
- 10.12.73: 5-1/2", 14#, J-55 @ 4250. Cmt w/ 325 sx. TOC: 2903 (temp survey). PBD: 4203

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PBD: 4317
TD: 4350

MCA 350 (API: 30-025-24546)
2615 FSL & 1295 FWL, Section 26, T17S, R32E
Elev.: 3979 KB; 3968 GL

10.05.95: Spot 10 sx cmt plug: surface-90.

10.1985: Cmt 5-1/2" x 8-5/8" annulus w/ 180 sx from surface

10.05.95: Spot 25 sx cmt plug: 780-1020.

11.1986: Perforate 5-1/2" csg @ 800 w/ 4 spf. Sq 5-1/2" csg w/ 225 sx

10.13.73: 8-5/8", 20# @ 920. Cmt w/ 510 sx.. Circ cmt to surface.

10.05.95: Spot 25 sx cmt plug: 1610-1850

11.1986: Perforate 5-1/2" csg @ 1775 w/ 1 spf. Sq 5-1/2" csg w/ 200sx

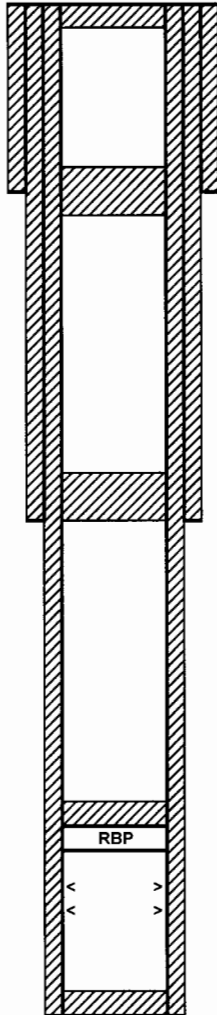
10.05.95: Cap PKR @ 393 w/ 25 sx cmt: 3700-3939

Completion Interval:
Grayburg: 4024-4109 (gross)
San Andres: 4141-4248 (gross)

10.1973: 5-1/2", 14# @ 4350. Cmt w/ 325 sx. TOC: 2500 (temp survey). PBD: 4317

10.21.73 TD @ 4350

MCA 378 (API: 30-025-30116)
 2543 FSL & 2625 FEL, Section 22, T-17S, R32E
 Elev.: 4015 KB; 4001 GL



11.1987: 13-3/8", 61#, J-55 @ 806. Cmt w/ 600 sx. Circ cmt (210 sx) to surface.

09.1995: P&A
 Tag RBP @ 3600. Circ well w/ mud. Test csg @ 500#.
 Spot 10 sx cmt plug: 3500-3600
 Spot 25 sx cmt plug: 2000-2250
 Spot 25 sx cmt plug: 650-900
 Spot 10 sx cmt plug: surface-90

11.1987: 8-5/8", 32#, K-55 @ 2150. Cmt w/ 800 sx. Circ cmt (237 sx) to surface.

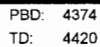
04.1991: RBP @ 3570

12.1987: Completion Interval:
 Grayburg Perforations: 3748-3750, 3777-3779, 3787-3795, 3811-3814
 San Andres Perforations: 3908-3916

11.1987: 5-1/2", 17#, K-55 @ 4244. Cmt w/ 1400 sx. Circ cmt (425 sx) to surface.

11.1987: TD: 4250; PBD: 4240

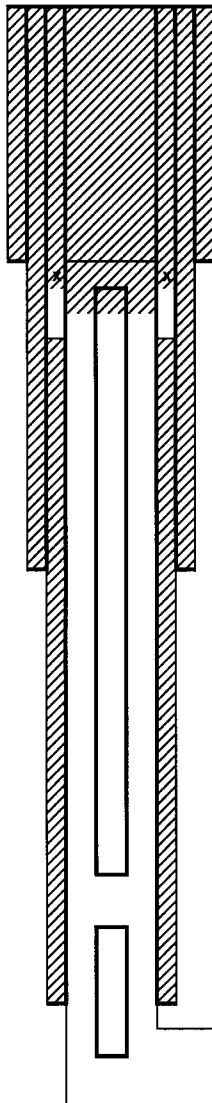
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12.23.89: 5-1/2", 17#, K-55 @ 4420. Cmt w/ 2100 sx. Circ cmt (25 sx) to surface.

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MCA 387 (API: 30-025-35142)
Surface: 2197 FSL & 2255 FWL, Section 27, T-17S, R32E
BHL: 1664 ft. S & 1778 ft. E of surface location
Elev.: 3981 KB; 3969 GL



09.2000: 11-3/4", 42#, H-40 @ 1037. Cmt w/ 525 sx. Circ cmt (130 sx) to surface.

03.2009: 5-1/2" Casing Condition: Inadvertently milled out 5-1/2" csg: 1029-1053

11.2009: P&A

Squeeze 175 sx below PKR @ 950. Circ cmt to surface up 5-1/2" x 8-5/8" annulus. POOH.

RIH w/ tbg open-ended. Tag cmt in 5-1/2" csg @ 980.

Spot 100 sx cmt plug: surface-980 (100 sx cmt column in 5-1/2", 17#: 1011 ft.)

Spot 20 sx cmt plug to surface

09.2000: 8-5/8", 24#, J-55 @ 2187. Cmt w/ 515 sx. Circ cmt (136 sx) to surface.

02.2009: Left-in-Hole:

Liner hanger w/ PBR & 3-1/2", 9.3# tbg: 1040-3380 (chem-cut)

3-1/2" 9.3# tbg w/ float-collar & float-shoe: 502 ft (below 3600 ft)

09.2000: 5-1/2", 17#, K-55 @ 3945 (MD); 3880 (TVD). Cmt w/ 380 sx. TOC: 1300 (calc).

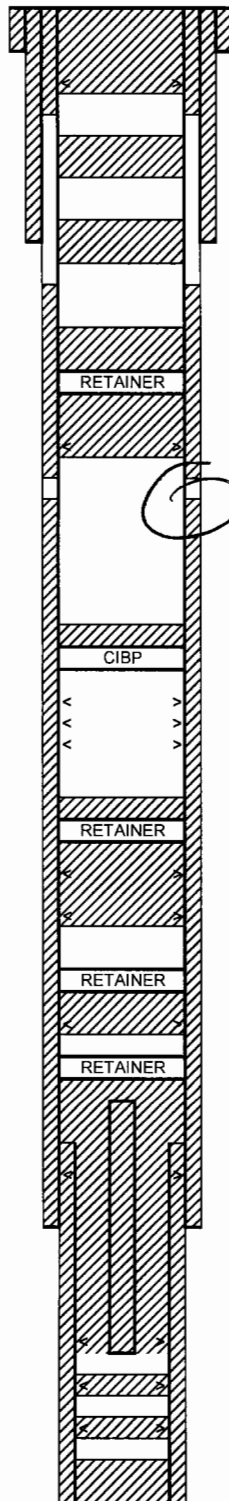
Completion Interval: 3945-6277 MD (3880-4189 TVD)

02.2001: TD @ 6277 ft. (4189 ft. TVD; -208 TVD RMSL); BHL: 533 FSL & 1247 FEL, 27P -17S-33E

BHL: 1664 ft. S & 1778 ft. E of surface location

BHL: 2435 ft. 133 degree of surface location

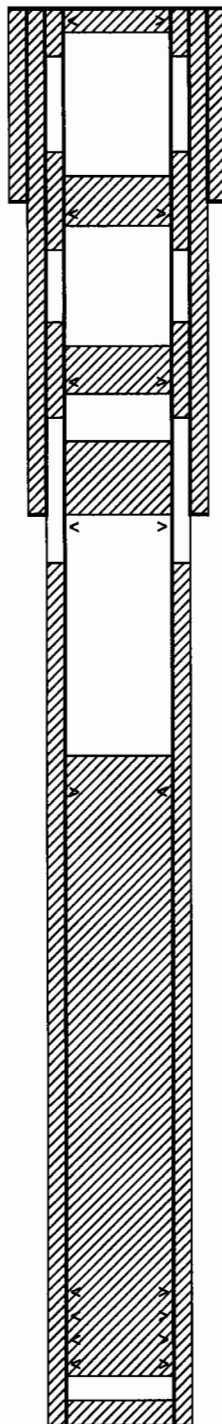
Baish Federal B-5 (formerly Baish B-12); API: 30-025-00634
 1980 FSL & 860 FWL, Section 22, T-17S, R32E
 Elev.: 4022 DF



- 04.26.51 13-3/8" @ 100. Cmt w/ 100 sx. Cmt circ to surface.
- 01.1991: Perforate 5-1/2" csg @ 300. Cmt down 5-1/2" & circ 5-1/2" x 9-5/8" annulus to surface w/ 120 sx
- 01.1991: Spot 15 sx cmt plug: 915-1065
- 05.03.51: 9-5/8", 36# J-55 csg @ 2700. Cmt w/ 1700 sx. Cmt circ to surface.
- 01.1991: Spot 15 sx cmt plug: 2625-2775
- 02.03.52: TOC: 3000 est
- 01.1991: Spot 25 sx cmt plug: 3935-4200
- RETAINER
- 07.1975: Cmt Retainer @ 4200. Sq perms @ 4300 (02.03.52) w/ 150 sx. Rev out 10 sx (140 sx below CR)
- 02.03.52: Perforate 5-1/2" csg @ 4300. Cmt w/ 400 sx. TOC: 3000 est
- 01.21.52: Top of cmt behind 5-12" csg @ 4480
- CIBP
- 07.1975: CIBP @ 9010. Capped w/ 2 sx cmt: 8990 est-9010
- 11.23.54: Wolfcamp: 9930- 9940 (12.03.54: Sq w/ 75 sx; placed 60 sx in formation)
 9963- 9939. Sq w/ 100 sx
- 12.05.74: 10047-10051. Sq w/ 50 sx
- RETAINER
- 12.1974: Cmt Retainer @ 12243. Sq 75 sx below CR. Cap CR w/ 20 sx cmt. (12050-12243)
- 01.1974: Morrow: 12310-12314 (09.1973: Sq w/ 175 sx.)
- 01.1974: Morrow: 12418-12454 (12.1974: Sq w/ 75 sx below CR @ 12243)
- RETAINER
- 01.1974: Cmt Retainer @ 12490. Sq 150 sx below CR
- 01.1974: Morrow: 12522-12526 (01.1974: Sq w/ 150 sx)
- RETAINER
- 12.1973: Cmt Retainer @ 13402.
- Left in-Hole: 2-3/8" tbq 13467-13600 est.
- Devonian:
- 04.1952: Perforate 5-1/2" csg: 13548-13554 @ 4 spf
- 01.21.52: 5-1/2" @ 13,554 w/ DVT @ 12538. Cmt 1st stg w/ 265 sx.
 Cmt 2nd stg w/ 1125 sx. TOC: 4480 (temp survey)
 02.03.52: Perforate 5-1/2" csg @ 4300. Cmt w/ 400 sx. TOC: 3000 est
- Devonian:
- 04.1955: Perforate 4" liner: 13580-13605 (sq w/ 150 sx below retainer @ 13402: 12.1973)
- 03.1955: 13670, 13700-13720 (sq w/ 75 sx; place 38 sx in formation: 04.01.55)
- 03.1955: 13750, 13780-13817 (sq w/ 60 sx; place 20 sx in formation: 03.23.55; TOC: 13738)
- 02.28.55 4", 12.33# FJ liner: 13,491-13,939. Cmt w/ 100 sx. Circ cmt to TOL @ 13491
 02-03.1955: TOL sq in 3 attempts w/ total 90 sx (04.1952: 5-1/2" csg perms 13548-13544)
- 03.07.55: Drt out to new PBD @ 13819
- 02.16.55: TD new hole @ 13,939

PBD: 13,819
 TD: 13,939

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JC Federal 14 (API: 30-025-38698)
1650 FNL & 330 FEL, Section 22, T-17S, R32E
Elev.: 4022 KB; 4010 GL

10.06.11: Perforate @ 60'. Pump 25 sx cmt below PKR @ 10'. Cmt 5-1/2" & 5-1/2" x 8-5/8" to surface

05.03.08: 13-3/8", 48#, H-40 @ 820. Cmt w/ 800 sx. Circ 150 sx to surface.
10.05.11: Perforate @ 870. Sq w/ 55 sx. Tag cmt @ 745 (10.06.11)

10.05.11: Spot 25 sx cmt plug: 1285-1561
10.04.11: Perforate @ 1600. Sq w/ 40 sx. Tag cmt @ 1561 (10.05.11)

10.03.11: Spot 20 sx cmt plug 1842 (tagged 10.04.11)-2062
05.06.08: 8-5/8", 32# J-55 @ 2088. Cmt w/ 900 sx. Circ 227 sx to surface.
10.02.11: Perforate @ 2100. Unable to squeeze.

5-1/2" TOC: 2340 (CBL)

09.29.11: Spot 25 sx cmt plug: 3084 (tagged)-3278
09.28.11: Pump 200 sx below PKR @ 3000.
09.27.11: Pump 200 sx below PKR @ 3000. Displace to 3200.

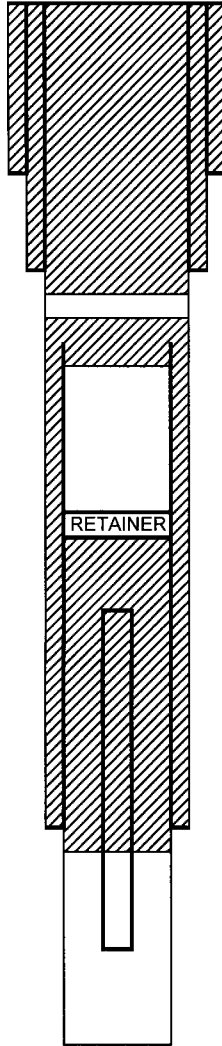
Collapsed csg @ 3298

Perforate:
09.29.08: 5530-5850: 30 holes
06.02.08: 6090-6290: 36 holes
06.02.08: 6360-6560: 36 holes
05.30.08: 6630-6830: 48 holes

05.16.08: 5-1/2", 17#, L-80 @ 7000. Cmt w/ 1300 sx. TOC: 2340 per CBL

PBD: 6940
TD: 7004
05.14.08: TD

Johns D-2 (API: 30-025-00702)
1980 FSL & 660 FEL, Section 26, T-17S, R32E
Elev.: 3974



04.06.43: 10" csg @ 660

04.13.43: 8-1/4" csg @ 1178

03.10.80: Spot 405 sx cmt plug: surface-1210

03.08.80: POOH & LD 7" csg. RIH w/ tbg to 1490 . Spot 100 sx cmt plug: 1380 (tagged: 03.10.80)-1490.

03.07.80: Shot-off 7" csg @ 1428.

03.06.80: Set Cmt Retainer @ 2200. Pump 200 sx below CR. Est cmt column in 7": 2200-3435

Left-in-Hole:

2-3/8" tbg: 2484-3900 est.

7" csg @ 3430

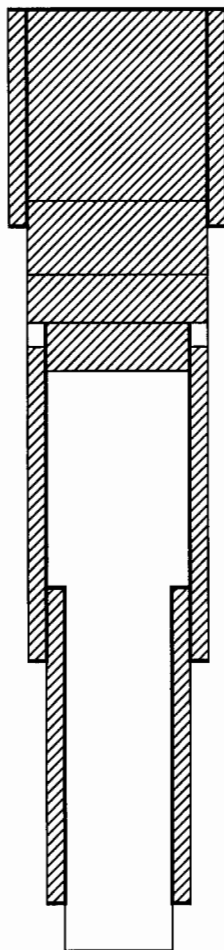
06.29.43: TD: 4289

TD: 4289

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Pearl Miller A-3 (API: 30-025-00643)
660 FSL & 660 FWL, Section 23, T-17S, R32E
Elev.:

NOTE: No post-1940 to pre-1979 records on file.



10.1979: Spot 240 sx cmt plug: surface-797

1940: 8", 32# @ 880

10.1979: Spot 125 sx cmt plug: 797-1140

10.1979: Spot 150 sx cmt plug: 1140-1320

top of 6-5/8" @ 1320 (csg cut & pulled from 1320)
10.1979: Spot 150 sx cmt plug: 1320-1497

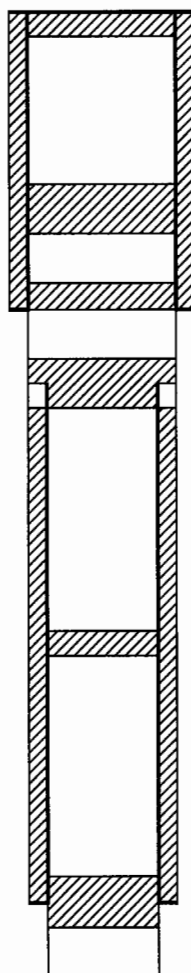
TOL (4"): 2406

1940: 6-5/8" @ 2550. Cmt w/ 250 sx

4" liner: 2406-3650. Cmt w/ 150 sx

1940: TD: 3890

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NOTE: No post-1940 to pre-1957 records on file.

05.1957: Spot 15 sx cmt plug: 1123-1175
1940: 8-5/8" csg @ 1150 est.

05.1957: Spot 10 sx cmt plug: 1440-1494
05.1957: 5-1/2" csg shot-off & pulled @ 1480

05.1957: Spot 10 sxcmt plug 2508-2600
05.1957: Shot csg off @ 2600. Unable to pull csg.

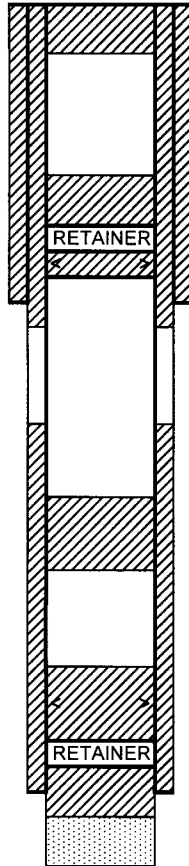
05.1957: Spot 12 sx cmt plug: 3564-3601

1940: 5-1/2" @ 3570

1940:	TD
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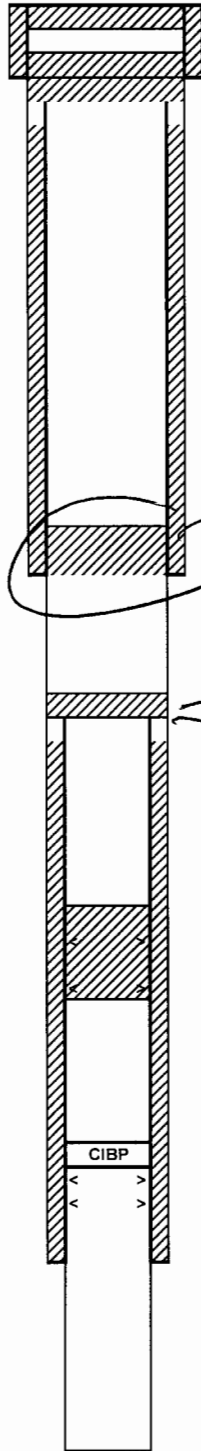
TD: 3875

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1948: TD: 3357

USA Miller-1 (API: 30-025-00713)
1980 FSL & 2310 FWL, Sec. 26, T17S, R32E
Elev.: 3969 KB



1961: 13-3/8", 35.6# @ 313. Cmt circ to surface

03.1963: P&A:

Spot 25 sx cmt plug: 6580-6950
Shot-off & pulled 4-1/2" csg from 5800
Spot 25 sx cmt plug: 5710-5805
Shot-off & pulled 8-5/8" csg from 385
Spot 25 sx cmt plug: 4155-4250
Spot 25 sx cmt plug: 340-380
Spot 25 sx cmt plug: 275-310
Spot 10 sx cmt plug: surface-15

1961: 8-5/8", 24# -32# @ 4249. Cmt w/ 1820 sx.

06.1961: Perforate: 6720-6734 & 6824-6826

06.1961: Perforated 7000-7005. Squeeze 275 sx cmt behind 4-1/2" csg. TOC: 5930

06.1961: CIBP @ 8450. Cap w/ 30 ft. cmt
Perforated 8590-8610
Perforated 8740-8755

1961: 4-1/2", 9.5# & 11.6# @ 8862. Cmt w/ 600 sx

1961: TD: 9715

4155-4250

5800
Cap 5710 - 5805

Attachment 6
Geological Information - Formation Tops per Well

WELL NAME	FORMATION CALL POINTS	TOP (ft MD)
MCA UNIT 451	RUSTLER	999
MCA UNIT 451	SALADO	1175
MCA UNIT 451	TANSILL	2200
MCA UNIT 451	YATES	2358
MCA UNIT 451	SEVEN RIVERS	2704
MCA UNIT 451	QUEEN	3350
MCA UNIT 451	GRAYBURG	3711
MCA UNIT 451	GRAYBURG-6	3989
MCA UNIT 451	SAN ANDRES-7	4127
MCA UNIT 451	SAN ANDRES-9	4298
MCA UNIT 451	GLORIETA	N/A
MCA UNIT 451	PADDOCK	N/A

WELL NAME	FORMATION CALL POINTS	TOP (ft MD)
MCA UNIT 456	RUSTLER	858
MCA UNIT 456	SALADO	1036
MCA UNIT 456	TANSILL	2136
MCA UNIT 456	YATES	2274
MCA UNIT 456	SEVEN RIVERS	2629
MCA UNIT 456	QUEEN	3264
MCA UNIT 456	GRAYBURG	3568
MCA UNIT 456	GRAYBURG-6	3803
MCA UNIT 456	SAN ANDRES-7	3972
MCA UNIT 456	SAN ANDRES-9	4203
MCA UNIT 456	GLORIETA	N/A
MCA UNIT 456	PADDOCK	N/A

WELL NAME	FORMATION CALL POINTS	TOP (ft MD)
MCA UNIT 507	RUSTLER	839
MCA UNIT 507	SALADO	1014
MCA UNIT 507	TANSILL	2032
MCA UNIT 507	YATES	2155
MCA UNIT 507	SEVEN RIVERS	2486
MCA UNIT 507	QUEEN	3120
MCA UNIT 507	GRAYBURG	3510
MCA UNIT 507	GRAYBURG-6	3745
MCA UNIT 507	SAN ANDRES-7	3937
MCA UNIT 507	SAN ANDRES-9	4122
MCA UNIT 507	GLORIETA	N/A
MCA UNIT 507	PADDOCK	N/A

WELL NAME	FORMATION CALL POINTS	TOP (ft MD)
MCA UNIT 510	RUSTLER	850
MCA UNIT 510	SALADO	1023
MCA UNIT 510	TANSILL	2039
MCA UNIT 510	YATES	2173
MCA UNIT 510	SEVEN RIVERS	2491
MCA UNIT 510	QUEEN	3135
MCA UNIT 510	GRAYBURG	3527
MCA UNIT 510	GRAYBURG-6	3747
MCA UNIT 510	SAN ANDRES-7	3954
MCA UNIT 510	SAN ANDRES-9	4143
MCA UNIT 510	GLORIETA	N/A
MCA UNIT 510	PADDOCK	N/A

WELL NAME	FORMATION CALL POINTS	TOP (ft MD)
MCA UNIT 513	RUSTLER	958
MCA UNIT 513	SALADO	1133
MCA UNIT 513	TANSILL	2176
MCA UNIT 513	YATES	2318
MCA UNIT 513	SEVEN RIVERS	2676
MCA UNIT 513	QUEEN	3316
MCA UNIT 513	GRAYBURG	3689
MCA UNIT 513	GRAYBURG-6	3957
MCA UNIT 513	SAN ANDRES-7	4113
MCA UNIT 513	SAN ANDRES-9	4260
MCA UNIT 513	GLORIETA	N/A
MCA UNIT 513	PADDOCK	N/A



Water Analysis Report

4/14/2009

Address:

Lease: MCA

Customer: Conoco Phillips

Formation:

Attention: Dennis Ross

Salesman: Corey Hodnett

CC:

Target Name: MCA 238

Sample Point: MCA 238

Sample Date: 04/13/2009

Test Date: 04/14/2009

Water Analysis(mg/L)

Calcium	128
Magnesium	34
Barium	
Strontium	
Sodium(calc.)	89
Bicarbonate Alkalinity	
Sulfate	52
Chloride	424
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.02
pH(calc.)	
Temperature(°F)	70
Pressure(psi)	200
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg)	459

Dew Poin	
Lead	
Zinc	

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine(mg/L)	

Remarks:

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SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-2.47	
Hemihydrate (Calcium Sulfate)	-2.17	
Anhydrite (Calcium Sulfate)	-2.86	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Attachment 7
Injection Water Chemical Analysis

An injection water chemical analysis has been submitted previously with prior expansion requests.

Attachment 8
Proof of Publication of Notice

September 27, 2013 Legal Notice, as published, is included on the following page.

Affidavit of Publication

State of New Mexico,
County of Lea.

I, DANIEL RUSSELL
PUBLISHER

of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).

Beginning with the issue dated
September 27, 2013
and ending with the issue dated
September 27, 2013



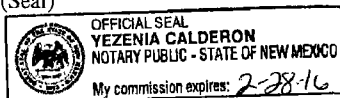
PUBLISHER

Sworn and subscribed to before me
this 27th day of
September, 2013



Notary Public

My commission expires
February 28, 2016
(Seal)



This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937 and payment of fees for said
publication has been made.

LEGAL NOTICE September 27, 2013

Legal Notice

ConocoPhillips Company, 600 N. Dairy Ashford Road,
Houston, TX 77079-1175, Contact: Susan B. Maunder
(432) 269-4378 is seeking administrative approval from the
New Mexico Oil Conservation Division to inject produced
water into five new wells in the Majamar Cooperative
Agreement (MCA) Unit, in the utilized formations
(Grayburg and San Andres formations).

The wells are all located in Township 17S, Range 32E, Lea
County, NM:

MCA #451, Sec. 26, 1395' FNL & 2180' FEL, injection
interval 3250' to 4565' TVD; MCA #456, Sec. 26, 1780' FNL
& 280' FWL, injection interval 3250' to 4565' TVD; MCA
#507, Sec. 22, 1225' FSL & 2045' FEL, injection interval
3250' to 4565' TVD; MCA #510, Sec. 22, 2055' FSL &
1310' FEL, injection interval 3250' to 4565' TVD; and MCA
#513, Sec. 27, 1510' FSL and 2180' FEL, injection interval
3250' to 4565' TVD.

The maximum injection rate will be 1500 barrels of
produced water per day. Maximum injection pressure will
be 2150 psi at the surface for the wells mentioned above.
Interested parties must file objections or request for hearing
with the New Mexico Oil Conservation Division, 1220 South
Saint Francis Drive, Santa Fe, New Mexico 87504 within 15
days of this notice.

#28468

67110999

00123208

SUSAN MAUNDER
CONOCOPHILLIPS (HOUSTON)
600 N. DAIRY ASHFORD ROAD
ATTN: P10-4-4054
HOUSTON, TX 77079

Attachment 9 – Other Interested Parties Notification



ConocoPhillips Company
600 North Dairy Ashford
Houston, TX 77079-

October 2, 2013

VIA CERTIFIED RETURN RECEIPT

ATTACHED LIST OF INTERESTED PARTIES

SUBJECT: APPLICATION FOR AUTHORIZATION TO INJECT INTO NEW MALJAMAR COOPERATIVE (MCA) UNIT WELLS

Dear Sir or Madam:

You are receiving this package because you have been identified as having an interest in acreage near the vicinity of proposed activity. ConocoPhillips Company is seeking administrative approval from the New Mexico Oil Conservation Division to inject produced water into five new wells in the Maljamar Cooperative Agreement (MCA) Unit, in the unitized formations (Grayburg and San Andres formations).

The wells are all located in Township 17S, Range 32E, Lea County, NM.

According to Rule 701C the State of New Mexico, Oil Conservation Division, Engineering Bureau (1220 South St. Francis Drive, Santa Fe, NM 87505) can make a decision on our application after 15 days, if no objection is received.

If you have any questions regarding the enclosed application, I can be reached at the address above, phone number (281)206-5281, or email Susan.B.Maunders@conocophillips.com.

Sincerely,

A handwritten signature in cursive script that reads "Susan B. Maunders".

Susan Maunders
Senior Regulatory Specialist

Enclosures

List Interest Parties:

Burnett Oil, et. Al
801 Cherry Street, Unit 9
Fort Worth, TX 76102

Hudson Oil Company of Texas
616 Texas Street
Fort Worth, TX 76102

COG Operating LLC
One Concho Center
600 West Illinois Avenue
Midland, TX 79701

Concho Oil and Gas LLC
One Concho Center
600 West Illinois Avenue
Midland, TX 79701

Chase Oil Corporation
P.O. Box 1767
Artesia, NM 88211

Robert C. Chase
P.O. Box 297
Artesia, NM 88211

Richard L. Chase
P.O. Box 359
Artesia, NM 88211

Gerene Dianne Chase Ferguson
P.O. Box 693
Artesia, NM 88211

Mack Energy Corporation
P.O. Box 960
Artesia, NM 88211

Linn Energy Holdings, LLC & Linn
Operating, Inc.
600 Travis Street, Suite 5100
Houston, TX 77002

MAR Oil and Gas Corporation
P.O. Box 5155
Santa Fe, NM 87502

Continental Land Resources, LLC.
P.O. Box 2691
Roswell, NM 88202

Devon Energy Production Company, LP
333 W. Sheridan Avenue
Oklahoma City, OK 73102

Chisos Ltd.
670 Dona Ana Road SW
Deming, NM 88030

Apache Corporation
2000 Post Oak Blvd, Suite 100
Houston, TX 77056

Fair Oil Ltd.
P.O. Box 698
Tyler, TX 75710

Cross Borders Resources, Inc.
22610 US Hwy 281 North, Suite 218
San Antonio, TX 78258

Endurance Resources, LLC
15455 Dallas Parkway, Suite 600
Addison, TX 75234

Aron H. Hover
c/o Wade Hover
P.O. Box 1248
Fredericksburg, TX 78624

Yates Petroleum Corporation
105 South 4th Street
Artesia, NM 88210

Penroe Oil Corporation
P.O. Box 2769
Hobbs, NM 88241

Forest Oil Corporation
707 17th Street, Suite 3600
Denver, CO 80202

Halcon Holding, Inc.
1000 Louisiana Street, Suite 6700
Houston, TX 77090

The Blanco Company
P.O. Box 25968
Albuquerque, NM 87125

XTO Energy, Inc.
810 Houston Street, Suite 2000
Fort Worth, TX 76102

OXY USA WTP Ltd Partnership
c/o Occidental Permian Ltd.
5 Greenway Plaza, Suite 110
Houston, TX 77046

Carlsbad Field Office
Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

RECEIVED OCD

ConocoPhillips

2013 OCT -7 P 1:47

ConocoPhillips Company
600 North Dairy Ashford
Houston, TX 77079-

October 2, 2013

VIA CERTIFIED RETURN RECEIPT

ATTACHED LIST OF INTERESTED PARTIES

SUBJECT: APPLICATION FOR AUTHORIZATION TO INJECT INTO NEW MALJAMAR COOPERATIVE (MCA) UNIT WELLS

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If you have any questions regarding the enclosed application, I can be reached at the address above, phone number (281)206-5281, or email Susan.B.Maunders@conocophillips.com.

Sincerely,



Susan Maunders
Senior Regulatory Specialist

Enclosures

Burnett Oil, et. Al
801 Cherry Street, Unit 9
Fort Worth, TX 76102

Hudson Oil Company of Texas
616 Texas Street
Fort Worth, TX 76102

COG Operating LLC
One Concho Center
600 West Illinois Avenue
Midland, TX 79701

Concho Oil and Gas LLC
One Concho Center
600 West Illinois Avenue
Midland, TX 79701

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P.O. Box 1767
Artesia, NM 88211

Robert C. Chase
P.O. Box 297
Artesia, NM 88211

Richard L. Chase
P.O. Box 359
Artesia, NM 88211

Gerene Dianne Chase Ferguson
P.O. Box 693
Artesia, NM 88211

Mack Energy Corporation
P.O. Box 960
Artesia, NM 88211

Linn Energy Holdings, LLC & Linn
Operating, Inc.
600 Travis Street, Suite 5100
Houston, TX 77002

MAR Oil and Gas Corporation
P.O. Box 5155
Santa Fe, NM 87502

Continental Land Resources, LLC.
P.O. Box 2691
Roswell, NM 88202

Devon Energy Production Company, LP
333 W. Sheridan Avenue
Oklahoma City, OK 73102

Chisos Ltd.
670 Dona Ana Road SW
Deming, NM 88030

Apache Corporation
2000 Post Oak Blvd, Suite 100
Houston, TX 77056

Fair Oil Ltd.
P.O. Box 698
Tyler, TX 75710

Cross Borders Resources, Inc.
22610 US Hwy 281 North, Suite 218
San Antonio, TX 78258

Endurance Resources, LLC
15455 Dallas Parkway, Suite 600
Addison, TX 75234

Aron H. Hover
c/o Wade Hover
P.O. Box 1248
Fredericksburg, TX 78624

Yates Petroleum Corporation
105 South 4th Street
Artesia, NM 88210

Penroe Oil Corporation
P.O. Box 2769
Hobbs, NM 88241

Forest Oil Corporation
707 17th Street, Suite 3600
Denver, CO 80202

Halcon Holding, Inc.
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Houston, TX 77090

The Blanco Company
P.O. Box 25968
Albuquerque, NM 87125

XTO Energy, Inc.
810 Houston Street, Suite 2000
Fort Worth, TX 76102

OXY USA WTP Ltd Partnership
c/o Occidental Permian Ltd.
5 Greenway Plaza, Suite 110
Houston, TX 77046

Carlsbad Field Office
Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

REGISTRATION



Susan B. Maunder
Sr. Regulatory Specialist
Phone: (281) 206-5281

20131110 10:00 AM

ConocoPhillips Company
600 N. Dairy Ashford Rd., Office P10-4-4054
Houston, TX 77079-1175

November 11, 2013

State of New Mexico
Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

SUBJECT: Transmittal of Certified Return Receipts Verifying Notification to Interested Parties

Dear Sirs,

ConocoPhillips Company respectfully submits copies of the Certified Return Receipts we received from our notification package to interested parties. These copies can be inserted into Attachment 9 of our Application for Authorization to Inject.

A copy of this submittal is being sent to Bureau of Land Management, Carlsbad Field Office.

If you have questions regarding this request, I can be reached at 281-206-5281 or via email at Susan.B.Maunder@conocophillips.com.

Sincerely,

Susan B. Maunder
Senior Regulatory Specialist
ConocoPhillips Company

Cc: w/Enclosures

MCA - Unit
C-108

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NM OCD – Hobbs
1625 N. French Drive
Hobbs, NM 88240

2. Article Number

(Transfer from service label)

7002 3150 0001 5967 1672

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

10-7-13

3. Service Type

☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

New Mexico Oil Conservation Division
Engineering Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505
ConocoPhillips

OCT 10 2013

Regulatory Affairs

2. Article Number

(Transfer from service label)

7002 3150 0001 5967 1696

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

OCT 07 2013

3. Service Type

☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☐ Addressee	
B. Received by (Printed Name)		C. Date of Delivery 10/8/13	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No			
1. Article Addressed to: Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210			
2. Article Number (Transfer from service label) 7002 3150 0001 5967 1597			
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.			
4. Restricted Delivery? (Extra Fee) ☐ Yes			

Article Number 7002 3150 0001 5967 1597
(Transfer from service label)
Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☐ Addressee	
B. Received by (Printed Name)		C. Date of Delivery 10-8-13	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No			
1. Article Addressed to: Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210			
2. Article Number (Transfer from service label) 7001 0320 0003 1631 4845			
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.			
4. Restricted Delivery? (Extra Fee) ☐ Yes			

Article Number 7001 0320 0003 1631 4845
(Transfer from service label)
PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☐ Addressee	
B. Received by (Printed Name) Leon Ramirez		C. Date of Delivery OCT 8 2013	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No			
1. Article Addressed to: AR Oil and Gas Corporation P.O. Box 5155 Santa Fe, NM 87502			
2. Article Number (Transfer from service label) 7001 0320 0003 1631 4814			
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.			
4. Restricted Delivery? (Extra Fee) ☐ Yes			

Article Number 7001 0320 0003 1631 4814
(Transfer from service label)
Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☐ Addressee	
B. Received by (Printed Name) R. Cortez Phillips		C. Date of Delivery OCT 10 2013	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No			
1. Article Addressed to: Apache Corporation 2000 Post Oak Blvd, Suite 100 Houston, TX 77056			
2. Article Number (Transfer from service label) 7001 0320 0003 1631 4913			
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.			
4. Restricted Delivery? (Extra Fee) ☐ Yes			

Article Number 7001 0320 0003 1631 4913
(Transfer from service label)
PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: New Mexico Oil Conservation Division Engineering Bureau 220 South St. Francis Drive Santa Fe, NM 87505	A. Signature X <i>Rebecca</i> ☐ Agent ☐ Addressee B. Received by (Printed Name) <i>R. Lopez</i> C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No OCT 07 2013 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes	Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Fair Oil Ltd. P.O. Box 698 Tyler, TX 75710	A. Signature X <i>B. Self</i> ☐ Agent ☐ Addressee B. Received by (Printed Name) <i>Brandon Stewart</i> C. Date of Delivery <i>10/8/13</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No OCT 08 2013 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes
Article Number 7002 3150 0001 5967 1689 Transfer from service		2. Article Number 7002 3150 0001 5967 1610 (Transfer from service label)	
Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540		PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Chisos Ltd. 570 Dona Ana Road SW Deming, NM 88030	A. Signature X <i>Ismael</i> ☐ Agent ☐ Addressee B. Received by (Printed Name) <i>Ismael</i> C. Date of Delivery <i>10-7-13</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes	Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: The Blanco Company P.O. Box 25968 Albuquerque, NM 87125	A. Signature X <i>Phil White</i> ☐ Agent ☐ Addressee B. Received by (Printed Name) <i>Phil White</i> C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No OCT 08 2013 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes
Article Number 7001 0320 0003 1631 4821 Transfer from service label		2. Article Number 7001 0320 0003 1631 4883 (Transfer from service label)	
Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540		PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Black Energy Corporation P.O. Box 960 Artesia, NM 88211		A. Signature x <u>Kathy Donaghe</u> ☐ Agent ☐ Addressee B. Received by (Printed Name) <u>KATHY DONAGHE</u> C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes		1. Article Addressed to: Gerene Dianne Chase Ferguson P.O. Box 693 Artesia, NM 88211		A. Signature x <u>Kathy Donaghe</u> ☐ Agent ☐ Addressee B. Received by (Printed Name) <u>KATHY DONAGHE</u> C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Certified Mail ☒ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes	
Article Number (Transfer from service label) <u>7001 0320 0003 1631 4937</u>		2. Article Number (Transfer from service label) <u>7002 3150 0001 5967 1559</u>					
Form 3811, August 2001		Domestic Return Receipt		102595-02-M-15 PS Form 3811, August 2001		Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Case Oil Corporation P.O. Box 1767 Artesia, NM 88211		A. Signature x <u>Kathy Donaghe</u> ☐ Agent ☐ Addressee B. Received by (Printed Name) <u>KATHY DONAGHE</u> C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes		1. Article Addressed to: Halcon Holding, Inc. 1000 Louisiana Street, Suite 6700 Houston, TX <u>77002</u>		A. Signature x <u>[Signature]</u> ☐ Agent ☐ Addressee B. Received by (Printed Name) <u>[Signature]</u> C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes	
Article Number (Transfer from service label) <u>7002 3150 0001 5967 1566</u>		2. Article Number (Transfer from service label) <u>7001 0320 0003 1631 4852</u>					
Form 3811, August 2001		Domestic Return Receipt		102595-02-M-1540 PS Form 3811, August 2001		Domestic Return Receipt	

RECEIVER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Burnett Oil, et. Al
01 Cherry Street, Unit 9
Port Worth, TX 76102

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x *SMcKnight* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *SMcKnight* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number

(Transfer from service label)

7002 3150 0001 5967 1665

Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Richard L. Chase
P.O. Box 359
Artesia, NM 88211

2. Article Number

(Transfer from service label)

7002 3150 0001 5967 1641

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x *Kathy Donaghe* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *KATHY DONAGHE* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☒ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

RECEIVER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Continental Land Resources, LLC.
P.O. Box 2691
Roswell, NM 88202

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x *Kathleen* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *Kecether* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number

(Transfer from service label)

7001 0320 0003 1631 4920

Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert C. Chase
P.O. Box 297
Artesia, NM 88211

2. Article Number

(Transfer from service label)

7001 0320 0003 1631 4944

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x *Kathy Donaghe* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *KATHY DONAGHE* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☒ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

RECEIVER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

OG Operating LLC
ne Concho Center
00 West Illinois Avenue
Midland, TX 79701

Phillips
10 2013
Regulatory Affairs

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Janet Smith* ☐ Agent ☐ Addressee

B. Received by (Printed Name)
Janet Smith

C. Date of Delivery
10/17/13

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Aron H. Hover
c/o Wade Hover
P.O. Box 1248
Fredericksburg, TX 78624

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Ken Wade* ☐ Agent ☐ Addressee

B. Received by (Printed Name)
Ken Wade

C. Date of Delivery
10/17/13

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number 7001 0320 0003 1631 4951
(Transfer from service label)

Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

2. Article Number 7002 3150 0001 5967 1603
(Transfer from service label)

PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

RECEIVER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Concho Oil and Gas LLC
ne Concho Center
00 West Illinois Avenue
Midland, TX 79701

Phillips
10 2013
Regulatory Affairs

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Janet Smith* ☐ Agent ☐ Addressee

B. Received by (Printed Name)
Janet Smith

C. Date of Delivery
10/17/13

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

OXY USA WTP Ltd Partnership
c/o Occidental Permian Ltd.
5 Greenway Plaza, Suite 110
Houston, TX 77046

COMPLETE THIS SECTION ON DELIVERY

A. Signature
Janet Smith ☐ Agent ☐ Addressee

B. Received by (Printed Name)
Janet Smith

C. Date of Delivery
10/17/13

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number 7002 3150 0001 5967 1658
(Transfer from service label)

Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

2. Article Number 7001 0320 0003 1631 4869
(Transfer from service label)

PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <u>[Signature]</u> ☐ Agent ☒ Addressee B. Received by (Printed Name) <u>[Signature]</u> Date of Delivery <u>Oct 7 2013</u> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <u>[Signature]</u> ☐ Agent ☒ Addressee B. Received by (Printed Name) <u>[Signature]</u> Date of Delivery <u>Oct 7 2013</u> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
Article Addressed to: Linn Energy Holdings, LLC & Linn Operating, Inc. 500 Travis Street, Suite 5100 Houston, TX 77002		1. Article Addressed to: Devon Energy Production Company, LP 333 W. Sheridan Avenue Oklahoma City, OK 73102	
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.		3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.	
4. Restricted Delivery? (Extra Fee) ☐ Yes		4. Restricted Delivery? (Extra Fee) ☐ Yes	
Article Number (Transfer from service label) <u>7002 3150 0001 5967 1634</u>		2. Article Number (Transfer from service label) <u>7002 3150 0001 5967 1627</u>	
PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-154		PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-154	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <u>[Signature]</u> ☒ Agent ☐ Addressee B. Received by (Printed Name) <u>Staci E. Gilbert</u> C. Date of Delivery <u>10-7-13</u> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <u>[Signature]</u> ☐ Agent ☒ Addressee B. Received by (Printed Name) <u>[Signature]</u> C. Date of Delivery <u>10-9-13</u> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
Article Addressed to: Penro Oil Company of Texas Texas Street Worth, TX 76102		1. Article Addressed to: Penroe Oil Corporation P.O. Box 2769 Hobbs, NM 88241	
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.		3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.	
4. Restricted Delivery? (Extra Fee) ☐ Yes		4. Restricted Delivery? (Extra Fee) ☐ Yes	
Article Number (Transfer from service label) <u>7002 3150 0001 5967 1573</u>		2. Article Number (Transfer from service label) <u>7001 0320 0003 1631 4890</u>	
Form 3811, August 2001 Domestic Return Receipt 102595-02-M-154		PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-154	

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Energy, Inc.
Houston Street, Suite 2000
Worth, TX 76102

COMPLETE THIS SECTION ON DELIVERY

A. Signature <i>[Signature]</i>		☐ Agent ☐ Addressee
B. Received by (Printed Name)	C. Date of Delivery 10/17/13	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No		
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.		
4. Restricted Delivery? (Extra Fee) ☐ Yes		

Article Number 7002 3150 0001 5967 1580
(Transfer from service label)

Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Endurance Resources, LLC
15455 Dallas Parkway, Suite 600
Addison, TX 75001

2. Article Number 7001 0320 0003 1631 4906
(Transfer from service label)

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1541

COMPLETE THIS SECTION ON DELIVERY

A. Signature X <i>[Signature]</i>		☐ Agent ☐ Addressee
B. Received by (Printed Name)	C. Date of Delivery 10/17/13	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No		
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.		
4. Restricted Delivery? (Extra Fee) ☐ Yes		

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Albuquerque Field Office
Bureau of Land Management
100 East Greene Street
Albuquerque, NM 88220

COMPLETE THIS SECTION ON DELIVERY

A. Signature X <i>[Signature]</i>		☐ Agent ☐ Addressee
B. Received by (Printed Name)	C. Date of Delivery 10/17/13	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No		
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.		
4. Restricted Delivery? (Extra Fee) ☐ Yes		

Article Number 7001 0320 0003 1631 4876
(Transfer from service label)

Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Cross Border Resources, Inc.
2515 McKinney Ave Ste. 900
Dallas, TX 75201-1976

2. Article Number 7001 0320 0002 7793 7336
(Transfer from service label)

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1541

COMPLETE THIS SECTION ON DELIVERY

A. Signature X <i>[Signature]</i>		☐ Agent ☐ Addressee
B. Received by (Printed Name)	C. Date of Delivery	
D. Is <i>Card returned without Signature</i> ☐ Yes		
3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.		
4. Restricted Delivery? (Extra Fee) ☐ Yes		