DATE IN 7-15-10	SUSPENSE	ENGINEER TW.	LOGGED IN 7-15-10	TYPE WFX	APP NO. pTG-W 1019655175

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ConocoPhillips
217817
Total 16 Well

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

BLM

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

[D] Other: Specify _____

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[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

WFX-856

[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,

[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.

JALYN N. FISKE	Jalyn N. Fiske	REGULATORY SPECIALIST	7/12/10
Print or Type Name	Signature	Title	Date

JALYNFISKE@CONOCOPHILLIPS.COM
e-mail Address

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-108
Revised June 10, 2003

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: 3300 N. "A" Street, Bldg. 6 / Midland, Texas / 70795

CONTACT PARTY: Jalyn N. Fiske, Regulatory Specialist PHONE: 432-688-6813

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.

IV. Is this an expansion of an existing project? _____ (Yes) ___X___ No
If yes, give the Division order number authorizing the project: R-6906, R-6906(A), R-6906(B), R-9467(A), R-9467(B)

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.

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.

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.

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.

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.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

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: Jalyn N. Fiske TITLE: Regulatory Specialist

SIGNATURE: Jalyn N. Fiske DATE: 7-10-2010

E-MAIL ADDRESS:

* 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: Case No. 10220 Held on January 24, 1991

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.

Injection Permit Checklist (7/8/08)

pTGW1019655175

Case _____ R-_____ SWD_____ WFX_____ PMX_____ IPI_____ Permit Date _____ UIC Qtr _____

Wells 16 Well Name: #9, 26, 30, 31, 34, 36, 40, 42, 44, 54, 68, 97, 104, 105, 110, 123

API Num: (30-) Attached Spud Date: _____ New/Old: ___(UIC primacy March 7, 1982)

Footages _____ Unit ___ Sec ____ Tsp _____ Rge _____ County _____

Operator: ConocoPhillips Contact Fiske, Jalyn

OGRID: 217817 RULE 40 Compliance (Wells) ✓ (Finan Assur) ✓

Operator Address: 3401 E. 30th St. Farmington NM 87402

Current Status of Well: Warren Unit producers & injectors

Planned Work to Well: 16 Proposed water injection well Planned Tubing Size/Depth: 2 3/8

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing ___ Surface				
Existing ___ Intermediate				
Existing ___ Long String				

DV Tool _____ Liner _____ Open Hole _____ Total Depth _____ PBTD _____

Well File Reviewed _____

Diagrams: Before Conversion ___ After Conversion ✓ Elogs in Imaging File: _____

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)			
Injection..... Interval TOP:			
Injection..... Interval BOTTOM:			
Below (Name and Top)			

_____ PSI Max. WHIP

_____ Open Hole (Y/N)

_____ Deviated Hole?

Sensitive Areas: ~~Capitan Reef~~ ~~Cliff House~~ ~~Salt Depths~~

~~Potash Area (R-111-P)~~ ~~Potash Lessee~~ ~~Noticed?~~

Fresh Water: Depths: 50-65' Wells(Y/N) Y Analysis Included (Y/N): Y Affirmative Statement ✓

Salt Water: Injection Water Types: _____ Analysis? _____

Injection Interval....Water Analysis: _____ Hydrocarbon Potential _____

Blinebry-Tubb 5700'-6500'

Notice: Newspaper(Y/N) ____ Surface Owner _____ Mineral Owner(s) _____

RULE 701B(2) Affected Parties: BLM - Chesapeake - Hendrix - McCasland

Area of Review: Adequate Map (Y/N) ✓ and Well List (Y/N) ✓

Active Wells 50 Num Repairs — Producing in Injection Interval in AOR 50

P&A Wells 4 Num Repairs — All Wellbore Diagrams Included? yes ✓

Questions to be Answered:

All wells in AOR are in the Warren Unit and All are ConocoPhillips Wells

Required Work on This Well: N/A Request Sent _____ Reply: _____

AOR Repairs Needed: _____ Request Sent _____ Reply: _____

N/A Request Sent _____ Reply: _____

API Number	Well #	Unit	Sec	Tsp	Rge	Top Perf	Bot Perf	Tb	PSI
30-025-07841	9	E	27	20S	38E	5850	6350	2.375	2000
30-025-07842	26	M	27	20S	38E	5760	6290	2.375	2000
30-025-24732	30	K	27	20S	38E	5880	6376	2.375	2000
30-025-24781	31	O	27	20S	38E	5800	6390	2.375	2000
30-025-25058	34	C	34	20S	38E	5800	6370	2.375	2000
30-025-25152	36	D	27	20S	38E	5880	6450	2.375	2000
30-025-25204	40	G	27	20S	38E	5900	6450	2.375	2000
30-025-25362	42	I	27	20S	38E	5900	6420	2.375	2000
30-025-25459	44	M	26	20S	38E	5950	6470	2.375	2000
30-025-26125	54	E	26	20S	38E	5920	6460	2.375	2000
30-025-26210	68	A	27	20S	38E	6010	6520	2.375	2000
30-025-31179	97	D	34	20S	38E	5740	6330	2.375	2000
30-025-34033	104	B	27	20S	38E	5970	6500	2.375	2000
30-025-31936	106	A	34	20S	38E	5910	6400	2.375	2000
30-025-31965	110	L	27	20S	38E	5720	6350	2.375	2000
30-025-33099	123	C	27	20S	38E	5890	6480	2.375	2000

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

III. WELL DATA

ConocoPhillips Company plans to convert the above referenced wells, which consist of producing wells and temporarily abandoned wells, to injection wells in the Blinebry formation. The following Injection Well Data Sheets describe the subject 16 proposed water injection wells for which ConocoPhillips Company is submitting this application.

9 — 30-025-35784
26 — 07842
30 — 24732
31 — 24781
34 — 25058
36 — 25152
40 — 25204
42 — 25362
44 — 25495
54 — 26125
68 — 26210 — 97 — 31179
104 — 34033
106 — 31396
110 — 30-025-31965
123 — 33099

Blinebry

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 009

WELL LOCATION:	1980' FNL & 660' FWL	E	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17" Casing Size: 13⅜"

Cemented with: 250 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 1365 sx. ***or*** _____ ft^3

Top of Cement: 1150' Method Determined: Temp Survey

Production Casing

Hole Size: 8¾" Casing Size: 5½" ✓

Cemented with: 943 sx. ***or*** _____ ft^3

Top of Cement: 3622' Method Determined: Temp Survey

Total Depth: 9392'

Injection Interval

5850 feet to 6350 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 009

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5840'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

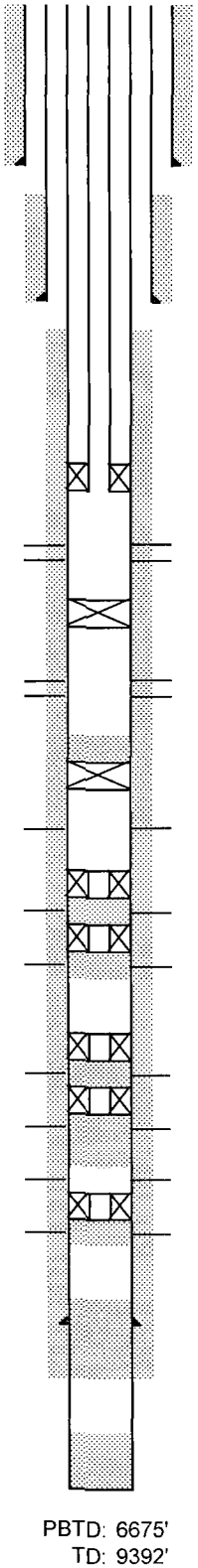
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   Devonian 7739-61': Cmt Ret at 7728' sqzd w/ 35 sx cmt
   Devonian 7702-26': 25 sack cmt plug at 7695'
   Devonian 7673-90': Cmt Ret at 7665' sqzd w/ 50 sx cmt
   Devonian 7653-64': Cmt Ret at 7615' sqzd w/ 75 sx cmt
   Drinkard 6868-82': Cmt Ret at 6864' sqzd w/ 100 sx cmt
   Drinkard 6850-62': Cmt Ret at 6844' sqzd w/ 50 sx cmt
   Drinkard 6790-6842': CIBP at 6675' w/ 35' cmt on top
   Tubb 6412-6647': CIBP at 6370'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Seven Rivers: 3000 - 3100 ft

   Grayburg-San Andres: 4000 - 4600 ft
   Glorieta: 5400 - 5700 ft
   Tubb: 6350 - 6650 ft
   Drinkard: 6650 - 6900 ft

Warren Unit Blinebry Tubb WF No. 009
Proposed Wellbore Schematic
July 1, 2010



GL 3541'
DF 3552'
KB 3553'

13⅜" Casing (17" hole)
set at 269', 250 sx cmt
Circulated cmt

9⅝" Casing (12¼" hole)
set at 3050', 1365 sx cmt
TOC at 1150' by Temperature Survey

TOC at 3622' by Temperature Survey

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 *or equivalent*

Lok-Set Type Packer at 5820'+/-

Blinebry Perforations
5871' - 6321'

CIBP at 6370'+/-

Tubb Perforations
6412' - 6647'

CIBP at 6675' w/ 35' cmt on top

Drinkard Perforations 6790' - 6842'

Cmt. Retainer at 6844' sqzd w/ 50 sx cmt
Drinkard Perforations 6850' - 6862'
Cmt. Retainer at 6864' sqzd w/ 100 sx cmt
Drinkard Perforations 6868' - 6882'

Cmt. Retainer at 7615' sqzd w/ 75 sx cmt
Devonian Perforations 7653' - 7664'
Cmt. Retainer at 7665' sqzd w/ 50 sx cmt
Devonian Perforations 7673' - 7690'
25 sk cmt plug at 7695'
Devonian Perforations 7702' - 7726'
Cmt. Retainer at 7728' sqzd w/ 35 sx cmt
Devonian Perforations 7739' - 7761'

5½" Casing (8¾" hole)
set at 7775', 943 sx cmt
TOC at 3622' by Temperature Survey

75 sk OH cmt plug from 7740-7890'

40 sk OH cmt plug from 9287-9392'
8¾" open hole 7775' - 9392'

PBTD: 6675'
TD: 9392'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-07841
Legal Description:	1980' FNL, 660' FWL, U.L. E
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	03/21/1951
Completed:	07/02/1951

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval ✓
5850' - 6350'

← Proposed CIBP

← Proposed cmt on top of CIBP

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 026

WELL LOCATION:	660' FSL & 660' FWL	M	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17½" Casing Size: 13⅜"

Cemented with: 300 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 2000 sx. *or* _____ ft³

Top of Cement: 900' Method Determined: Temp Survey

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 240 sx. *or* _____ ft³

Top of Cement: 4200' Method Determined: Temp Survey

Total Depth: 6800'

Injection Interval

5760 feet to 6290 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 026

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5830'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

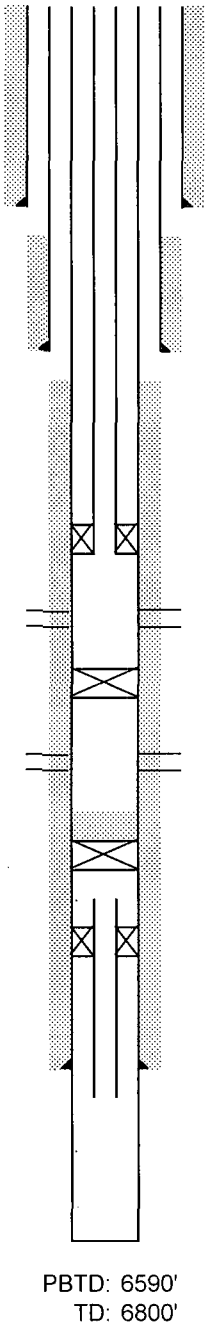
   Drinkard OH 6680-6800': CIBP at 6590' w/ 35' cmt on top Tubb 6346-6586': CIBP at 6320'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Seven Rivers: 3000 - 3100 ft

   Grayburg-San Andres: 3900 - 4100 ft Glorieta: 5300 - 5700 ft

   Tubb: 6300 - 6600 ft Drinkard: 6600 - 6900 ft

Warren Unit Blinebry Tubb WF No. 026
Proposed Wellbore Schematic
July 1, 2010



GL 3530'
DF 3541'
KB 3542'

13⅜" Casing (17½" hole)
set at 257', 300 sx cmt
Circulated cmt

9⅝" Casing (12¼" hole)
set at 3132', 2000 sx cmt
TOC at 900' by Temperature Survey

TOC at 4200' by Temperature Survey

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Lok-Set Type Packer at 5830'+/-

Blinebry Perforations
5786' - 6202'

CIBP at 6320'+/-

Tubb Perforations
6346' - 6586'

CIBP at 6590' w/ 35' cmt on top

5' of 2⅜" Tubing above packer
Model D Packer at 6600'
3 joints of 2⅜" Tubing below packer

7" Casing (8¾" hole)
set at 6679', 240 sx cmt
TOC at 4200' by Temperature Survey

Drinkard Open Hole
6680' - 6800'

6¼" open hole 6680' - 6800'

PBTD: 6590'
TD: 6800'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-07842
Legal Description:	660' FSL, 660' FWL, U.L. M
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	04/28/1958
Completed:	05/25/1958

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval
5760' - 6290'

← Proposed CIBP

← Proposed cmt on top of CIBP

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 030

WELL LOCATION:	1980' FSL & 1980' FWL	K	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 600 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 700 sx. ***or*** _____ ft^3

Top of Cement: 2800' Method Determined: Temp Survey

Total Depth: 7000'

Injection Interval

5880 feet to 6376 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 030

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5850'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

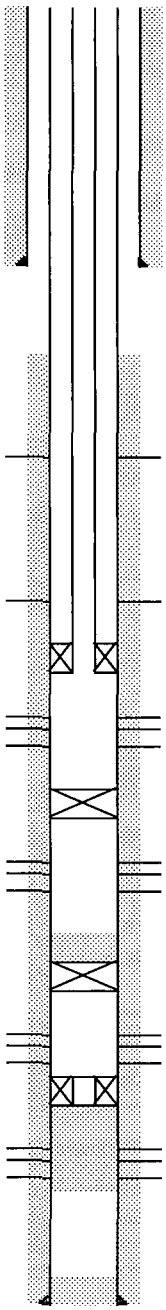
   Drinkard 6870-80': Cmt Ret at 6850' sqzd w/ 69 sx cmt Paddock 5620': Squeezed w/ 50 sx cmt
   Drinkard 6790-6818': CIBP at 6700' w/ 10' cmt on top San Andres 4824': Squeezed w/ 50 sx cmt
   Tubb 6463-6616': CIBP at 6410'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Seven Rivers: 3000 - 3100 ft

   Grayburg-San Andres: 4000 - 4600 ft Glorieta: 5400 - 5700 ft

   Tubb: 6400 - 6700 ft Drinkard: 6650 - 6900 ft

Warren Unit Blinebry Tubb WF No. 030
Proposed Wellbore Schematic
July 1, 2010



GL 3541'
DF 3549'
KB 3550'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-24732
Legal Description:	1980' FSL, 1980' FWL, U.L. K
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	04/27/1974
Completed:	06/13/1974

9⅝" Casing (12¼" hole)
set at 1445', 600 sx cmt
Circulated cmt

Top of Cmt at 2800' by Temperature Survey

Sqz Perfs at 4824', 50 sx cmt

2⅜", 4.7lb/ft Tubing ← Proposed Tubing
IPC w/ TK-99 or equivalent

Sqz Perfs at 5620', 50 sx cmt

Lok-Set Type Packer at 5850'+/- ← Proposed Packer

Blinebry Perforations
5890' - 6376'

Proposed Blinebry Interval
5880' - 6376'

CIBP at 6410'+/- ← Proposed CIBP

Tubb Perforations
6463' - 6616'

CIBP at 6700' w/ 10' cmt on top

Drinkard Perforations
6790' - 6818'
Cmt. Retainer at 6850' sqzd w/ 69 sx cmt

Drinkard Perforations
6870' - 6880'

7" Casing (8¾" hole)
set at 7000', 700 sx cmt,
TOC at 2800' by Temperature Survey

PBTD: 6690'
TD: 7000'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 031

WELL LOCATION:	660' FSL & 1980' FEL	O	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 480 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Cmtd w/ 1"

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 700 sx. *or* _____ ft³

Top of Cement: 1600' Method Determined: Temp Survey

Total Depth: 7050'

Injection Interval

5800 feet to 6390 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 031

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5770'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

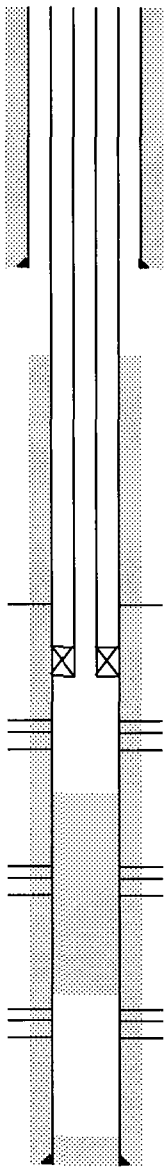
   Blinebry 5723-26': Squeezed w/ 50 sacks cement Drinkard 6811-52': 50 sack cement plug at 6787'
   Tubb 6577-6666': 23 sack cement plug at 6585'

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Seven Rivers: 3000 - 3100 ft

   Grayburg-San Andres: 4000 - 4600 ft Glorieta: 5400 - 5700 ft

   Tubb: 6400 - 6700 ft Drinkard: 6650 - 6900 ft

Warren Unit Blinebry Tubb WF No. 031
Proposed Wellbore Schematic
July 1, 2010



GL 3534'
DF 3542'
KB 3543'

9⅝" Casing (12¼" hole)
set at 1500', 400 sx cmt initially
Raised cmt to surface using 1" pipe
using 80 sx cmt

Top of Cmt at 1600' by Temperature Survey

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Sqz Perfs at 5723-26', 50 sx cmt

Lok-Set Type Packer at 5770'+/-

Blinebry Perforations
5807' - 6205'

23 sk cmt plug from 6477-6585'

Tubb Perforations
6577' - 6666'

50 sk cmt plug from 6585-6787'

Drinkard Perforations
6811' - 6852'

7" Casing (8¾" hole)
set at 7050', 700 sx cmt,
TOC at 1600' by Temperature Survey

PBTD: 6477'
TD: 7050'

Current Status:	Blinebry Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-24781
Legal Description:	660' FSL, 1980' FEL, U.L. O
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	08/30/1974
Completed:	10/05/1974

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval ✓
5800' - 6390'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 034

WELL LOCATION:	660' FNL & 1980' FWL	C	34	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 600 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 1225 sx. ***or*** _____ ft^3

Top of Cement: 2425' Method Determined: Temp Survey

Total Depth: 6975'

Injection Interval

5800 feet to 6370 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 034

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5770'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

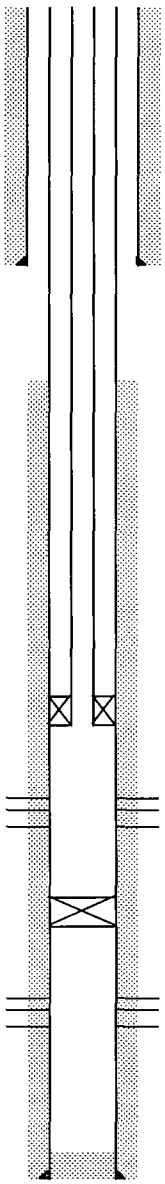
   TUBB 6386-6650': CIBP at 6370 ft

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3100 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5400 - 5700 ft

   TUBB: 6400 - 6700 ft DRINKARD: 6650 - 6900 ft

Warren Unit Blinebry Tubb WF No. 34
Proposed Wellbore Schematic
July 1, 2010



GL 3530'
DF 3541'
KB 3543'

9⅝" Casing (12¼" hole)
set at 1470', 600 sx cmt
Circulated cmt

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-25058
Legal Description:	660' FNL, 1980' FWL, U.L. C
	Sec 34, T-20S, R-38E
	Lea County, New Mexico
Spudded:	08/01/1975
Completed:	09/18/1975

Top of Cmt at 2425' by Temperature Survey

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent ← Proposed Tubing

Lok-Set Type Packer at 5770'+/- ← Proposed Packer

Blinebry Perforations
5814' - 6160'

Proposed Blinebry Interval
5800' - 6370' ✓

CIBP at 6370'+/- ← Proposed CIBP ✓
+ cement

Tubb Perforations
6386' - 6650'

7" Casing (8¾" hole)
set at 6975', 1225 sx cmt,
TOC at 2425' by Temperature Survey

PBTD: 6880'
TD: 6975'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 036

WELL LOCATION: 660' FNL & 660' FWL (FOOTAGE LOCATION) D (UNIT LETTER) 27 (SECTION) 20S (TOWNSHIP) 38E (RANGE)

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 600 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 1335 sx. ***or*** _____ ft^3

Top of Cement: 24' Method Determined: Temp Survey

Total Depth: 7075'

Injection Interval

5880 feet to 6450 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 036

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5850'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

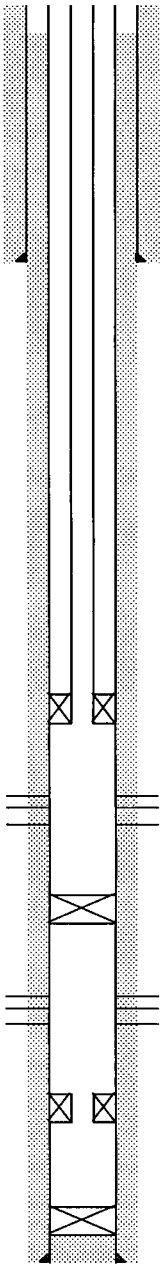
   TUBB 6518-6685': CIBP at 6480 ft

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3100 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5500 - 5700 ft

   TUBB: 6400 - 6700 ft DRINKARD: 6700 - 7000 ft

Warren Unit Blinebry Tubb WF No. 36
Proposed Wellbore Schematic
July 1, 2010



GL 3552'
DF 3561'
KB 3563'

9⅝" Casing (12¼" hole)
set at 1540', 600 sx cmt
Circulated cmt

Current Status:	Blinebry Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-25152
Legal Description:	660' FNL, 660' FWL, U.L. D
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	10/16/1975
Completed:	12/03/1975

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent ← Proposed Tubing

Lok-Set Type Packer at 5850'+/- ← Proposed Packer

Blinebry Perforations
5882' - 6445'

Proposed Blinebry Interval
5880' - 6450'

CIBP at 6480'

Tubb Perforations
6518' - 6685'

Packer pushed down to 6810', RBP pushed down to 7024'

7" Casing (8¾" hole)
set at 7074', 1110 sx cmt initially,
TOC initially at 2650' by Temperature Survey
Raised TOC to 24' after pumping 225 sx down 9⅝" x 7" annulus

PBTD: 6480'
TD: 7075'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 040

WELL LOCATION:	1980' FNL & 1980' FEL	G	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 550 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 1150 sx. ***or*** _____ ft^3

Top of Cement: 2550' Method Determined: Temp Survey

Total Depth: 7070'

Injection Interval

5900 feet to 6450 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 040

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5870'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

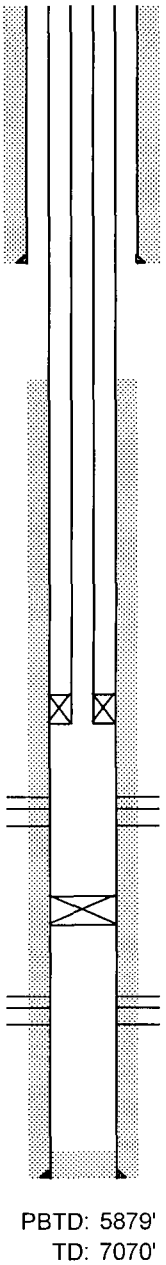
   TUBB 6513-6693': CIBP at 6480'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3200 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5500 - 5700 ft

   TUBB: 6450 - 6700 ft DRINKARD: 6700 - 7000 ft

Warren Unit Blinebry Tubb WF No. 40
Proposed Wellbore Schematic
July 1, 2010



GL 3540'
DF 3550'
KB 3551'

9⅝" Casing (12¼" hole)
set at 1538', 550 sx cmt
Circulated cmt

Current Status:	Temporarily Abandoned
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-25204
Legal Description:	1980' FNL, 1980' FEL, U.L. G
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	01/27/1976
Completed:	03/21/1976

Top of Cmt at 2550' by Temperature Survey

2⅜", 4.7lb/ft Tubing ← Proposed Tubing
IPC w/ TK-99 or equivalent

Note: Well is currently temporarily abandoned with CIBP at 5879'

Lok-Set Type Packer at 5870'+/- ← Proposed Packer

Blinebry Perforations
5912' - 6034'

Proposed Blinebry Interval
5900' - 6450'

CIBP at 6480'+/- ← Proposed CIBP

Tubb Perforations
6513' - 6693'

7" Casing (8¾" hole)
set at 7070', 1150 sx cmt,
TOC at 2550' by Temperature Survey

PBTD: 5879'
TD: 7070'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 042

WELL LOCATION:	1980' FSL & 660' FEL	I	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 675 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 1675 sx. ***or*** _____ ft^3

Top of Cement: 1850' Method Determined: Temp Survey

Total Depth: 7090'

Injection Interval

5900 feet to 6420 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 042

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5870'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

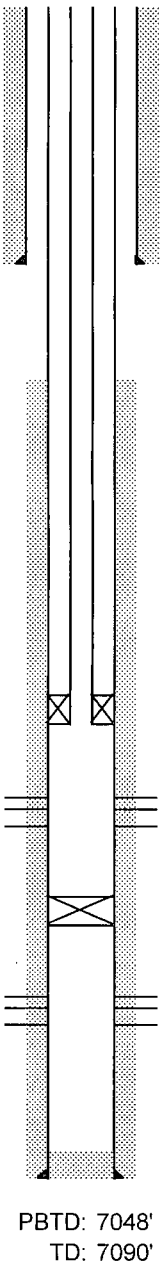
   TUBB 6488-6676': CIBP at 6450'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3200 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5500 - 5700 ft

   TUBB: 6450 - 6700 ft DRINKARD: 6700 - 7000 ft

Warren Unit Blinebry Tubb WF No. 42
Proposed Wellbore Schematic
July 1, 2010



GL 3548'
DF 3558'
KB 3559'

9⅝" Casing (12¼" hole)
set at 1524', 675 sx cmt
Circulated cmt

Top of Cmt at 1850' by Temperature Survey

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Lok-Set Type Packer at 5870'+/-

Blinebry Perforations
5919' - 6230'

CIBP at 6450'+/-

Tubb Perforations
6488' - 6676'

7" Casing (8¾" hole)
set at 7090', 1675 sx cmt,
TOC at 1850' by Temperature Survey

PBTD: 7048'
TD: 7090'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-25362
Legal Description:	1980' FSL, 660' FEL, U.L. I
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	11/01/1976
Completed:	12/31/1976

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval ✓
5900' - 6420'

← Proposed CIBP ✓

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 044

WELL LOCATION:	660' FSL & 660' FWL	M	26	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 650 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 1500 sx. ***or*** _____ ft^3

Top of Cement: 400' Method Determined: Temp Survey

Total Depth: 7000'

Injection Interval

5950 feet to 6470 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 044

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5920'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

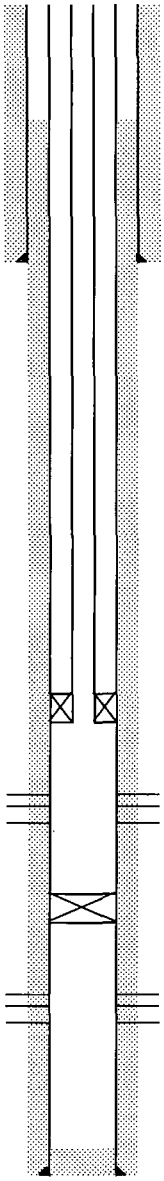
   TUBB 6620-6716': CIBP at 6550'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3200 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5500 - 5700 ft

   TUBB: 6450 - 6700 ft DRINKARD: 6700 - 7000 ft

Warren Unit Blinebry Tubb WF No. 44
Proposed Wellbore Schematic
July 1, 2010



GL 3551'
DF 3561'
KB 3562'

Top of Cmt at 400' by TS

9⅝" Casing (12¼" hole)
set at 1553', 650 sx cmt
Circulated cmt

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-25459
Legal Description:	660' FSL, 660' FWL, U.L. M Sec 26, T-20S, R-38E Lea County, New Mexico
Spudded:	02/13/1977
Completed:	04/01/1977

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent ← Proposed Tubing

Lok-Set Type Packer at 5920'+/- ← Proposed Packer

Blinebry Perforations
5956' - 6076'

Proposed Blinebry Interval
5950' - 6470' ✓

CIBP at 6550'+/- ← Proposed CIBP ✓

Tubb Perforations
6620' - 6716'

7" Casing (8¾" hole)
set at 7000', 1500 sx cmt,
TOC at 400' by Temperature Survey

PBTD: 6952'
TD: 7000'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 054

WELL LOCATION:	1980' FNL & 660' FWL	E	26	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 650 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 2235 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Total Depth: 6803'

Injection Interval

5920 feet to 6460 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 054

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5890'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

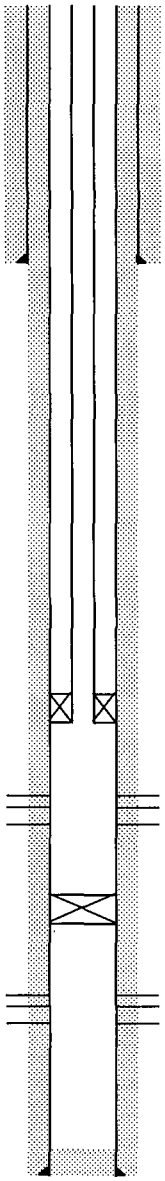
   TUBB 6551-6714': CIBP at 6500'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3200 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5500 - 5700 ft

   TUBB: 6450 - 6700 ft DRINKARD: 6700 - 7000 ft

Warren Unit Blinebry Tubb WF No. 54
Proposed Wellbore Schematic
July 1, 2010



GL 3555'
DF 3565'
KB 3566'

9⅝" Casing (12¼" hole)
set at 1530', 650 sx cmt
Circulated cmt

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Lok-Set Type Packer at 5890'+/-

Blinebry Perforations
5927' - 6190'

CIBP at 6500'+/-

Tubb Perforations
6551' - 6714'

7" Casing (8¾" hole)
set at 6803', 2235 sx cmt,
Circulated cmt

PBTD: 6767'
TD: 6803'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-26125
Legal Description:	1980' FNL, 660' FWL, U.L. E
	Sec 26, T-20S, R-38E
	Lea County, New Mexico
Spudded:	11/10/1978
Completed:	01/12/1979

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval
5920' - 6460' ✓

← Proposed CIBP ✓

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 068

WELL LOCATION:	660' FNL & 660' FEL	A	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 9⅝"

Cemented with: 600 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 2087 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Total Depth: 6851'

Injection Interval

6010 feet to 6520 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 068

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5980'+/-

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

Additional Data

1. Is this a new well drilled for injection? ____Yes __X__No

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

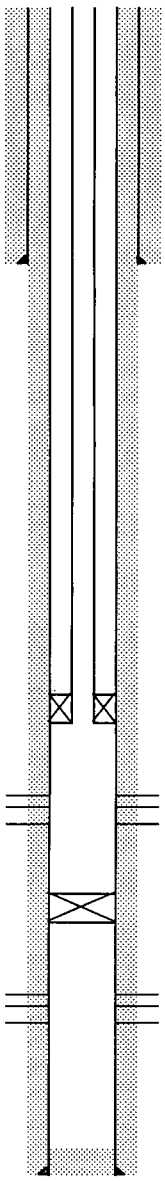
   TUBB 6669-6773': CIBP at 6550'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3200 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5500 - 5700 ft

   TUBB: 6500 - 6800 ft DRINKARD: 6800 - 7000 ft

Warren Unit Blinebry Tubb WF No. 68
Proposed Wellbore Schematic
July 1, 2010



GL 3551'
DF 3562'
KB 3562'

9⅝" Casing (12¼" hole)
set at 1600', 600 sx cmt
Circulated cmt

Current Status:	Temporarily Abandoned
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-26210
Legal Description:	660' FNL, 660' FEL, U.L. A
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	02/09/1980
Completed:	04/16/1980

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent ← Proposed Tubing

Note: Well is currently temporarily abandoned with CIBP at 5975' with 30' of cmt on top

Lok-Set Type Packer at 5980'+/- ← Proposed Packer

Blinebry Perforations
6021' - 6232'

Proposed Blinebry Interval
6010' - 6520'

CIBP at 6550'+/- ← Proposed CIBP

Tubb Perforations
6669' - 6773'

7" Casing (8¾" hole)
set at 6851', 2087 sx cmt,
Circulated cmt

PBTD: 5945'
TD: 6851'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 097

WELL LOCATION:	660' FNL & 660' FWL	D	34	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 14¾" Casing Size: 9⅝"

Cemented with: 1500 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8¾" Casing Size: 7"

Cemented with: 2595 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Total Depth: 7000'

Injection Interval

5740 feet to 6330 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 097

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5710'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

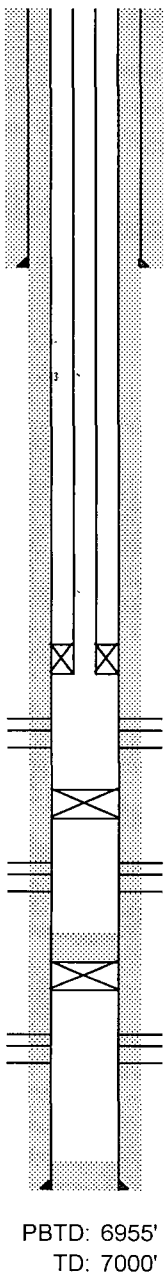
   Tubb 6373-6591': CIBP at 6350'+/- Drinkard 6730-6841': CIBP at 6700'+/- w/ 35' cmt on top

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Seven Rivers: 3000 - 3200 ft

   Grayburg-San Andres: 4000 - 4600 ft Glorieta: 5500 - 5700 ft

   Tubb: 6400 - 6700 ft Drinkard: 6700 - 7000 ft

Warren Unit Blinebry Tubb WF No. 097
Proposed Wellbore Schematic
July 1, 2010



GL 3524'
DF 3540'
KB 3541'

9⅝" Casing (14¾" hole)
set at 1499', 1500 sx cmt
Circulated cmt

Current Status:	Blinebry-Tubb-Drinkard Producer
Proposed Status:	Blinebry Water Injection Well
Fields :	Warren Blinebry-Tubb Oil & Gas
	Warren Drinkard
API Number:	30-025-31179
Legal Description:	660' FNL, 660' FWL, U.L. D
	Sec 34, T-20S, R-38E
	Lea County, New Mexico
Spudded:	04/26/1991
Completed:	08/12/1991

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent ← Proposed Tubing

Lok-Set Type Packer at 5710'+/- ← Proposed Packer

Blinebry Perforations
5752' - 6294'

Proposed Blinebry Interval
5740' - 6330' ✓

CIBP at 6350'+/- ← Proposed CIBP ✓

Tubb Perforations
6373' - 6591'

CIBP at 6700'+/- w/ 35' cmt on top ← Proposed CIBP and cmt

Drinkard Perforations
6730' - 6841'

7" Casing (8¾" hole)
set at 7000', 2595 sx cmt,
Circulated cmt

PBTD: 6955'
TD: 7000'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 104

WELL LOCATION:	660' FNL & 1980' FEL	B	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 8⅝"

Cemented with: 660 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7⅞" Casing Size: 5½"

Cemented with: 1370 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Total Depth: 6850'

Injection Interval

5970 feet to 6500 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 104

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5940'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

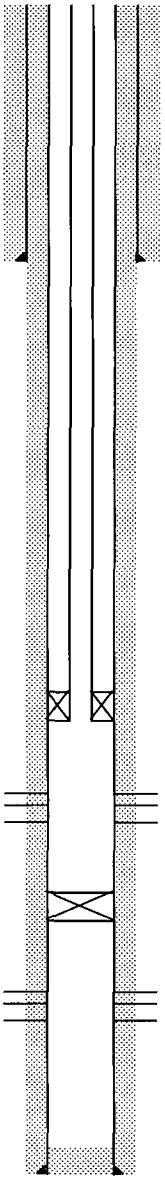
   TUBB 6619-6750': CIBP at 6560'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3100 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5300 - 5700 ft

   TUBB: 6400 - 6700 ft DRINKARD: 6600 - 6900 ft

Warren Unit Blinebry Tubb WF No. 104
Proposed Wellbore Schematic
July 1, 2010



GL 3557'
DF 3567'
KB 3568'

8⅝" Casing (12¼" hole)
set at 1490', 660 sx cmt
Circulated cmt

Top of Cmt at 1550' by Cement Bond Log

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Lok-Set Type Packer at 5940'+/-

Blinebry Perforations
5988' - 6171'

CIBP at 6560'+/-

Tubb Perforations
6619' - 6750'

5½" Casing (7⅞" hole)
set at 6850', 1370 sx cmt,
Circulated cmt

PBTD: 6807'
TD: 6850'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-34033
Legal Description:	660' FNL, 1980' FEL, U.L. B
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	08/19/1997
Completed:	09/29/1997

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval
5970' - 6500' ✓

← Proposed CIBP ✓

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 106

WELL LOCATION:	660' FNL & 660' FEL	A	34	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 8⅝"

Cemented with: 800 sx. ***or*** _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7⅞" Casing Size: 5½"

Cemented with: 1312 sx. ***or*** _____ ft³

Top of Cement: 1550' Method Determined: Cmt Bond Log

Total Depth: 6850'

Injection Interval

5910 feet to 6400 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 106

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5880'+/-

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

Additional Data

1. Is this a new well drilled for injection? ____Yes __X__No

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

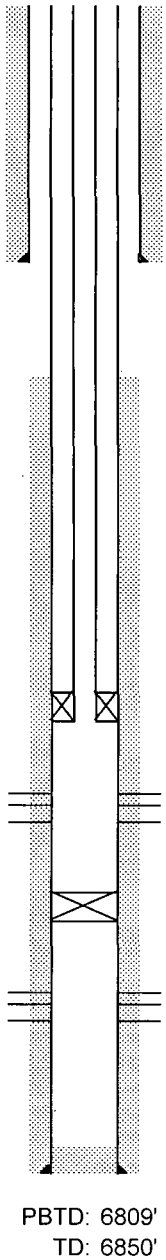
   TUBB 6600-6735': CIBP at 6540'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3200 ft

   GRAYBURG-SAN ANDRES: 4000 - 4600 ft GLORIETA: 5400 - 5700 ft

   TUBB: 6400 - 6800 ft DRINKARD: 6700 - 6900 ft

Warren Unit Blinebry Tubb WF No. 106
Proposed Wellbore Schematic
July 1, 2010



GL 3539'
DF 3547'
KB 3548'

8⅝" Casing (12¼" hole)
set at 1521', 800 sx cmt
Circulated cmt

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-31936
Legal Description:	660' FNL, 660' FEL, U.L. A
	Sec 34, T-20S, R-38E
	Lea County, New Mexico
Spudded:	04/08/1993
Completed:	05/27/1993

Top of Cmt at 1550' by Cement Bond Log

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent ← Proposed Tubing

Lok-Set Type Packer at 5880'+/- ← Proposed Packer

Blinebry Perforations
5919' - 6152'

Proposed Blinebry Interval
5910' - 6400'

CIBP at 6540'+/- ← Proposed CIBP

Tubb Perforations
6600' - 6735'

5½" Casing (7⅞" hole)
set at 6850', 1312 sx cmt,
TOC at 1550' by Cement Bond Log

PBTD: 6809'
TD: 6850'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 110

WELL LOCATION:	2060' FSL & 660' FWL	L	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 8⅝"

Cemented with: 800 sx. ***or*** _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7⅞" Casing Size: 5½"

Cemented with: 1415 sx. ***or*** _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 6780'

Injection Interval

5720 feet to 6350 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 110

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5690'+/-

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

Additional Data

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

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

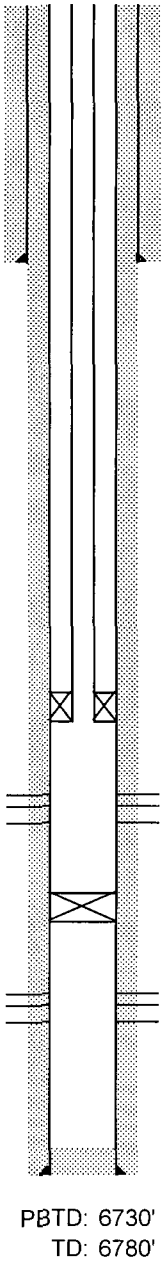
   TUBB 6392-6597': CIBP at 6370'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3100 ft

   GRAYBURG-SAN ANDRES: 3800 - 4600 ft GLORIETA: 5300 - 5700 ft

   TUBB: 6350 - 6700 ft DRINKARD: 6600 - 6900 ft

Warren Unit Blinebry Tubb WF No. 110
Proposed Wellbore Schematic
July 1, 2010



GL 3538'
DF 3546'
KB 3547'

8⅝" Casing (12¼" hole)
set at 1512', 800 sx cmt
Circulated cmt

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Lok-Set Type Packer at 5690'+/-

Blinebry Perforations
5730' - 6267'

CIBP at 6370'+/-

Tubb Perforations
6392' - 6597'

5½" Casing (7⅞" hole)
set at 6780', 1415 sx cmt,
Circulated cmt

PBTD: 6730'
TD: 6780'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-31965
Legal Description:	2060' FSL, 660' FWL, U.L. L
	Sec 27, T-20S, R-38E
	Lea County, New Mexico
Spudded:	04/28/1993
Completed:	06/09/1993

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval ✓
5720' - 6350'

← Proposed CIBP ✓

Side 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANY

WELL NAME & NUMBER: WARREN UNIT BLINEBRY TUBB WF No. 123

WELL LOCATION:	660' FNL & 1980' FWL	C	27	20S	38E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

(See attached schematic)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 8⅝"

Cemented with: 770 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Not Applicable Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7⅞" Casing Size: 5½"

Cemented with: 1050 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Total Depth: 6925'

Injection Interval

5890 feet to 6480 feet

(Perforated or ~~Open Hole~~; indicate which)

INJECTION WELL DATA SHEET

Warren Unit Blinebry Tubb WF No. 123

Tubing Size: 2⅜", 4.7 lb/ft Lining Material: IPC WITH TK-99 OR EQUIVALENT

Type of Packer: LOK-SET TYPE PACKER WITH ON-OFF TOOL

Packer Setting Depth: 5860'+/-

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

Additional Data

1. Is this a new well drilled for injection? ____Yes __X__No

   If no, for what purpose was the well originally drilled? PRODUCTION OF OIL AND GAS

2. Name of the Injection Formation: BLINEBRY

3. Name of Field or Pool (if applicable): WARREN BLINEBRY-TUBB OIL & GAS

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.

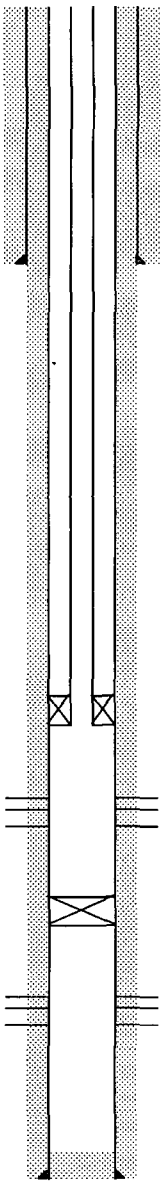
   TUBB 6574-6710': CIBP at 6510'+/-

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SEVEN RIVERS: 3000 - 3100 ft

   GRAYBURG-SAN ANDRES: 3950 - 4600 ft GLORIETA: 5200 - 5700 ft

   TUBB: 6500 - 6700 ft DRINKARD: 6700 - 6900 ft

Warren Unit Blinebry Tubb WF No. 123
Proposed Wellbore Schematic
July 1, 2010



GL 3549'
DF 3559'
KB 3560'

8⅝" Casing (12¼" hole)
set at 1495', 770 sx cmt
Circulated cmt

2⅜", 4.7lb/ft Tubing
IPC w/ TK-99 or equivalent

Lok-Set Type Packer at 5860'+/-

Blinebry Perforations
6040' - 6407'

CIBP at 6510'+/-

Tubb Perforations
6574' - 6710'

5½" Casing (7⅞" hole)
set at 6925', 1050 sx cmt,
Circulated cmt

PBTD: 6880'
TD: 6925'

Current Status:	Blinebry-Tubb Producer
Proposed Status:	Blinebry Water Injection Well
Field :	Warren Blinebry-Tubb Oil & Gas
API Number:	30-025-33099
Legal Description:	660' FNL, 1980' FWL, U.L. C Sec 27, T-20S, R-38E Lea County, New Mexico
Spudded:	05/30/1996
Completed:	07/01/1996

← Proposed Tubing

← Proposed Packer

Proposed Blinebry Interval ✓
5890' - 6480'

← Proposed CIBP ✓

30-Jun-10		Wells Within 1/2 Mile Which Penetrate Zone of Interest										
Well and Operator	Unit	Location	Type	Interval	Size	Depth	No. Sx	TOC	Spud Date	Compl. Date	TD/PBD	Pool Name
Warren Unit No. 323 ConocoPhillips Co.	O	610' FSL & 1820' FEL Sec.21-T20S-R38E	OPU	5914-6711' 6815-6860'	8-5/8" 5-1/2"	1474' 7211'	640 1150	Circ. Circ.	12/1/08	1/19/09	7220'/7167'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
~~Warren Unit No. 70~~ ConocoPhillips Co.	P	660' FSL & 660' FEL Sec.22-T20S-R38E	P&A>		8-5/8" 5-1/2"	1500' 6380'	718 2814	Circ. Circ.	7/18/80	9/10/80	6400'	
~~Llano Federal No. 1~~ John H. Hendrix Corp.	M	660' FSL & 723' FWL Sec.23-T20S-R38E	P&A>		9-5/8" 7"	1572' 6855'	800 900	Circ. 2850'	2/26/78	4/26/78	6855'	
Warren Unit No. 56 ConocoPhillips Co.	B	660' FNL & 1980" FEL Sec.26-T20S-R38E	OPU 1	5969-6217' 6603-6749'	9-5/8" 7"	1430' 6850'	600 1700	Circ. 1640'	12/27/78	9/10/84	6850'/6812'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 53 ConocoPhillips Co.	C	660' FNL & 1980' FWL Sec.26-T20S-R38E	OTS	5934-6205' 6552-6706'	9-5/8" 7"	1560' 6825'	600 2145	Circ. Circ.	10/23/78	12/24/86	6825'/5888'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 57 ConocoPhillips Co.	D	660' FNL & 660' FWL Sec.26-T20S-R38E	IWA	5933-6198' 6660-6726'	9-5/8" 7"	1550' 6820'	600 1850	Circ. Circ.	2/3/79	4/24/85	6820'/6779'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 54 ConocoPhillips Co.	E	1980' FNL & 660' FWL Sec.26-T20S-R38E	OPU 2	5927-6190' 6551-6714'	9-5/8" 7"	1530' 6803'	650 2235	Circ. Circ.	11/10/78	5/31/85	6803'/6767'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 48 ConocoPhillips Co.	F	2030' FNL & 1980' FWL Sec.26-T20S-R38E	IWA	5885-6168' 6636-6701'	9-5/8"	1562' 7065	630 2425	Circ. Circ.	7/7/78	5/23/85	7070'/6900'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 315 ConocoPhillips Co.	F	2630' FNL & 1330' FWL Sec.26-T20S-R38E	OPU 3	5935-6146' 6596-6698'	8-5/8" 5-1/2"	1396' 6868'	625 1290	Circ. Circ.	8/20/01	11/7/01	6860'/6858'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 317 ConocoPhillips Co.	F	1330' FNL & 2515' FWL Sec.26-T20S-R38E	OPU 4	5944-6188' 6582-6719'	8-5/8" 5-1/2"	1490' 6850'	750 1220	Circ. Circ.	8/29/96	12/30/96	6850'/6813'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 55 ConocoPhillips Co.	G	1980' FNL & 1980' FEL Sec.26-T20S-R38E	OTS	5976-6200' 6515-6770'	9-5/8" 7"	1520' 6900'	600 2250	Circ. Circ.	12/8/78	3/22/85	6900'/5926'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 49 ConocoPhillips Co.	J	1980* FSL & 1980' FEL Sec.26-T20S-R38E	IWA	5955-6215' 6592-6735'	9-5/8" 7"	1548' 6857'	630 2000	Circ. Circ.	7/28/78	10/16/84	7000'/6772'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 46 ConocoPhillips Co.	K	1980' FSL & 1980' FWL Sec.26-T20S-R38E	OPU 5	5953-6081' 6557-6702'	9-5/8" 7"	1456' 6815'	625 2080	Circ. Circ.	3/14/78	1/26/88	6825'/6740'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 306 ConocoPhillips Co.	K	1330' FSL & 1330' FWL Sec.26-T20S-R38E	OPU 6	5915-6161' 6561-6712'	8-5/8" 5-1/2"	1422' 6842'	625 1870	Circ. Circ.	1/25/01	4/20/01	6850'/6742'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 59 ConocoPhillips Co.	L	1980' FSL & 660' FWL Sec.26-T20S-R38E	IWA	5937-6176' 6547-6724'	9-5/8" 7"	1510' 6850'	600 1250	Circ. Circ.	3/24/79	5/13/87	6866'/6815'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 44 ConocoPhillips Co.	M	660' FSL & 660' FWL Sec.26-T20S-R38E	OPU 7	5956-6076' 6620-6716'	9-5/8" 7"	1553' 7000'	650 1500	Circ. 400'	2/13/77	1/2/85	7000'/6952'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 45 ConocoPhillips Co.	N	660' FSL & 1980' FWL Sec.26-T20S-R38E	IWA	5939-6171' 6614-6706'	9-5/8" 7"	1522' 6895'	625 2025	Circ. Circ.	7/21/77	11/7/84	7000'/6895'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 147 ConocoPhillips Co.	O	345' FSL & 1955' FEL Sec.26-T20S-R38E	OPU 8	5963-6264' 6598-6734'	8-5/8" 5-1/2"	1500' 7250'	226 1230	Circ. Circ.	9/27/01	12/31/01	7250'/7156'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 68 ConocoPhillips Co.	A	660' FNL & 660' FEL Sec.27-T20S-R38E	OTS	6021-6232' 6669-6773'	9-5/8" 7"	1600' 6851'	600 2087	Circ. Circ.	2/9/80	1/4/85	6851'/5945'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 104 ConocoPhillips Co.	B	660' FNL & 1980' FEL Sec.27-T20S-R38E	OPU 9	5988-6171' 6619-6750'	8-5/8" 5-1/2"	1490' 6850'	660 1370	Circ. Circ.	8/19/97	9/29/97	6850'/6807'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 354 ConocoPhillips Co.	B	1206' FNL & 1435' FEL Sec.27-T20S-R38E		Not yet drilled								
Warren Unit No. 123 ConocoPhillips Co.	C	660' FNL & 1980' FWL Sec.27-T20S-R38E	OPU 10	6040-6407' 6574-6710'	8-5/8" 5-1/2"	1495' 6925'	770 1050	Circ. Circ.	5/30/96	7/1/96	6925'/6880'	Warren Blinebry-Tubb Oil & Gas

30-Jun-10		Wells Within 1/2 Mile Which Penetrate Zone of Interest										
Well and Operator	Unit	Location	Type	Interval	Size	Depth	No. Sx	TOC	Spud Date	Compl. Date	TD/PBD	Pool Name
Warren Unit No. 356 ConocoPhillips Co.	C	1259' FNL & 1400' FWL Sec.27-T20S-R38E		Not yet drilled								
Warren Unit No. 36 ConocoPhillips Co.	D	660' FNL & 660' FWL Sec.27-T20S-R38E	OPU 11	5885-6098'	9-5/8" 7"	1540' 7074'	600 1335	Circ. 24'	10/16/75	9/25/84	7075'/6480'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 9 ConocoPhillips Co.	E	1980' FNL & 660' FWL Sec.27-T20S-R38E	OPU 12	5871-6321' 6412-6647'	13-3/8" 9-5/8" 5-1/2"	269' 3050' 7775'	250 1365 943	Circ. 1150' 3622'	3/21/51	2/29/88	9392'/6675'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 33 ConocoPhillips Co.	F	1980' FNL & 1980' FWL Sec.27-T20S-R38E	IWA	5900-6240' 6613-6682'	9-5/8" 7"	1504' 7050'	1020 1225	Circ. 2570'	7/12/75	11/6/86	7050'/7020'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 345 ConocoPhillips Co.	F	2540' FNL & 1330' FWL Sec.27-T20S-R38E		Not yet completed	8-5/8" 5-1/2"	1524' 7087'	710 1150	Circ. Circ.	6/10/10		7100'/6975'	
Warren Unit No. 40 ConocoPhillips Co.	G	1980' FNL & 1980' FEL Sec.27-T20S-R38E	OTS	5912-6034' 6513-6693'	9-5/8" 7"	1538' 7070'	550 1250	Circ. 2550'	1/27/76	6/4/85	7070'/5879'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 346 ConocoPhillips Co.	G	2430' FNL & 2430' FEL Sec.27-T20S-R38E		Not yet completed	8-5/8" 5-1/2"	1545' 7080'	710 1200	Circ. Circ.	6/18/10		7105'/7035'	
Warren Unit No. 347 ConocoPhillips Co.	G	2380' FNL & 1490' FEL Sec.27-T20S-R38E		Drilling	8-5/8"	1555'	710	Circ.				
Warren Unit No. 355 ConocoPhillips Co.	G	1330' FNL & 2630' FEL Sec.27-T20S-R38E		Not yet drilled								
Warren Unit No. 105 ConocoPhillips Co.	H	1930' FNL & 710' FEL Sec.27-T20S-R38E	IWA	5936-6140' 6612-6720'	9-5/8" 7"	1502' 6900'	595 1515	Circ. Circ.	3/6/92	4/27/92	6900'/6856'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 42 ConocoPhillips Co.	I	1980' FSL & 660' FEL Sec.27-T20S-R38E	OPU 13	5919-6230' 6488-6676'	9-5/8" 7"	1524' 7090'	675 1675	Circ. 1850'	11/1/76	12/31/76	7090'/7048'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 310 ConocoPhillips Co.	I	1330' FSL & 1260' FEL Sec.27-T20S-R38E	OPU 14	5844-6127' 6542-6734'	8-5/8" 5-1/2"	1415' 6848'	625 1400	Circ. Circ.	2/11/01	5/23/01	6850'/6797'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 37 ConocoPhillips Co.	J	1980' FSL & 1980' FEL Sec.27-T20S-R38E	IWA	5875-6238' 6625-6696'	9-5/8" 7"	1550' 7060'	1025 1450	Circ. 2450'	11/6/75	4/30/85	7060'/6995'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 319 ConocoPhillips Co.	J	1410' FSL & 2630' FEL Sec.27-T20S-R38E	OPU 15	5803-6634' 6746-6820'	8-5/8" 5-1/2"	1521' 7213'	780 1560	Circ. Circ.	1/27/07	5/23/07	7220'/7168'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 30 ConocoPhillips Co.	K	1980' FSL & 1980' FWL Sec.27-T20S-R38E	OPU 16	5792-6376' 6463-6616'	9-5/8" 7"	1445' 7000'	600 700	Circ. 2800'	4/27/74	5/9/77	7000'/6690'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 110 ConocoPhillips Co.	L	2060' FSL & 660' FWL Sec.27-T20S-R38E	OPU 17	5730-6267' 6392-6597'	8-5/8" 5-1/2"	1512' 6780'	800 1415	Circ. Circ.	4/28/93	6/9/93	6780'/6730'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 122 ConocoPhillips Co.	L	2160' FSL & 345' FWL Sec.27-T20S-R38E	OPU 18	6620-6786'	8-5/8" 5-1/2"	1497' 6925'	770 1250	Circ. Circ.	7/15/96	9/10/96	6925'/6874'	Warren Drinkard
Warren Unit No. 26 ConocoPhillips Co.	M	660' FSL & 660' FWL Sec.27-T20S-R38E	OPU 19	5786-6202' 6346-6586'	13-3/8" 9-5/8" 7"	257' 3132' 6679'	300 2000 240	Circ. 900' 4200'	4/28/58	5/19/89	6800'/6590'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 41 ConocoPhillips Co.	N	660' FSL & 1980' FWL Sec.27-T20S-R38E	IWA	5834-6178' 6530-6652'	9-5/8" 7"	1500' 6910'	625 1200	Circ. 2500'	2/19/76	4/24/84	6910'/6865'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 308 ConocoPhillips Co.	N	1210' FSL & 1330' FWL Sec.27-T20S-R38E	OPU 20	5800-6346' 6422-6586'	8-5/8" 5-1/2"	1500' 6850'	920 1650	Circ. Circ.	5/13/96	6/24/96	6850'/6783'	Warren Blinebry-Tubb Oil & Gas

30-Jun-10		Wells Within 1/2 Mile Which Penetrate Zone of Interest										
Well and Operator	Unit	Location	Type	Interval	Size	Depth	No. Sx	TOC	Spud Date	Compl. Date	TD/PBD	Pool Name
Warren Unit No. 31 ConocoPhillips Co.	O	660' FSL & 1980' FEL Sec.27-T20S-R38E	OPU 24	5807-6205'	9-5/8" 7"	1500' 7050'	480 700	Circ. 1600'	8/30/74	11/16/84	7050'/6477'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 32 ConocoPhillips Co.	P	660' FSL & 660' FEL Sec.27-T20S-R38E	IWA	5952-6278' 6589-6719'	9-5/8" 7"	1480' 6825'	660 1200	Circ. 2600'	6/17/75	10/26/84	6825'/6736'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 98 ConocoPhillips Co.	A	660' FNL & 660' FEL Sec.28-T20S-R38E	OPU 22	5840-6099' 6456-6674'	9-5/8" 7"	1500' 7050'	1400 2000	Circ. 1530'	6/2/91	10/10/91	7050'/7001'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 10 ConocoPhillips Co.	B	660' FNL & 2130' FEL Sec.28-T20S-R38E	P&A		9-5/8" 7"	2999' 7498'	1255 1005	Circ. 2950'	8/27/52	12/4/52	9381'/6767'	
Warren Unit No. 112 ConocoPhillips Co.	G	1930' FNL & 1980' FWL Sec.28-T20S-R38E	OPU 27	5745-6563' 6677-6798'	9-5/8" 7"	1501' 6940'	700 1304	Circ. Circ.	6/4/94	8/25/94	6940'/6833'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 111 ConocoPhillips Co.	H	2180' FNL & 660' FEL Sec.28-T20S-R38E	OPU 29	5797-6580' 6662-6805'	9-5/8" 7"	1503' 6975'	700 1870	Circ. Circ.	12/29/93	2/9/94	6975'/6927'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 96 ConocoPhillips Co.	I	2130' FSL & 813' FEL Sec.28-T20S-R38E	OPU 25	5770-6540' 6749-6824'	13-3/8" 7"	1592' 6980'	1460 3260	Circ. 575'	9/19/90	11/25/90	7000'/6892'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 8 ConocoPhillips Co.	J	1980' FSL & 1980' FEL Sec.28-T20S-R38E	OPU 21	5755-6660' 6714-6804'	13-3/8" 9-5/8" 7"	262' 2850' 6921'	250 750 500	Circ. 1000' 5325'	11/3/49	7/6/89	9072'/6806'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 108 ConocoPhillips Co.	J	2203' FSL & 2058' FEL Sec.28-T20S-R38E	OPU 28	4060-5142'	9-5/8" 7"	1467' 6975'	700 1550	Circ. 1500'	9/26/94	2/22/95	6975'/6550'	Warren Grayburg-San Andres
Warren Unit No. 113 ConocoPhillips Co.	O	660' FSL & 1980' FEL Sec.28-T20S-R38E	OPU 26	5745-6570' 6644-6779'	9-5/8" 7"	1516' 6995'	700 1625	Circ. Circ.	6/26/94	9/11/94	6995'/6820'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 95 ConocoPhillips Co.	P	660' FSL & 660' FEL Sec.28-T20S-R38E	OPU 29	5756-6527' 6570-6792'	13-3/8" 7"	1445' 7448'	1200 2770	Circ. Circ.	9/23/89	1/11/90	7448'/6868'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 127 ConocoPhillips Co.	P	660' FSL & 330' FEL Sec.28-T20S-R38E	OPL	3027-3066'	13-3/8" 8-5/8" 5-1/2"	401' 3705' 8784'	440 1500 1200	Circ. Circ. 2500'	12/11/95	4/16/98	8784'/6975'	Warren Seven Rivers Gas
Warren Unit No. 318 ConocoPhillips Co.	P	1155' FSL & 1265' FEL Sec.28-T20S-R38E	OPU 30	5820-6617' 6633-6739'	8-5/8" 5-1/2"	1450' 7106'	780 1560	Circ. Circ.	12/22/06	6/7/07	7116'/7060'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 99 ConocoPhillips Co.	A	710' FNL & 660' FEL Sec.33-T20S-R38E	OPU 31	5764-6553' 6741-6811'	9-5/8" 7"	1500' 7000'	1450 2000	Circ. Circ.	5/15/91	10/16/91	7000'/6944'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 21 ConocoPhillips Co.	B	660' FNL & 1980' FEL Sec.33-T20S-R38E	OPU 32	5816-6132'	13-3/8" 9-5/8" 7"	274' 3049' 6699'	300 1500 400	Circ. 1225' 4825'	11/13/56	5/11/82	6700'/6175'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 212 ConocoPhillips Co.	B	1310' FNL & 1510' FEL Sec.33-T20S-R38E	OPU 33	5780-6159' 6515-6677'	8-5/8" 5-1/2"	1500' 6750'	660 1340	Circ. Circ.	4/21/97	6/18/97	6750'/6694'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 80 ConocoPhillips Co.	G	1980' FNL & 1980' FEL Sec.33-T20S-R38E	IWA	5815-6043'	8-5/8" 5- 1/2"	1480' 6170'	709 2010	Circ. Circ.	4/2/80	1/12/83	6173'/6128'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 209 ConocoPhillips Co.	G	2630' FNL & 1360' FEL Sec.33-T20S-R38E	OPU 34	5804-6197' 6526-6695'	8-5/8" 5- 1/2"	1490' 6750'	650 1265	Circ. Circ.	12/8/96	2/5/97	6750'/6696'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 19 ConocoPhillips Co.	H	1980' FNL & 660' FEL Sec.33-T20S-R38E	OPU 35	5682-5942'	13-3/8" 9-5/8" 7"	271' 3048' 5984'	280 1225 511	Circ. 750' 2935'	10/2/55	11/24/55	6087'/5975'	Warren Blinebry-Tubb Oil & Gas

30-Jun-10		Wells Within 1/2 Mile Which Penetrate Zone of Interest										
Well and Operator	Unit	Location	Type	Interval	Size	Depth	No. Sx	TOC	Spud Date	Compl. Date	TD/PBD	Pool Name
Warren Unit No. 17 ConocoPhillips Co.	I	1980' FSL & 660' FEL Sec.33-T20S-R38E	IWA	5800-6008'	10-3/4" 7-5/8" 5- 1/2"	289' 3049' 6011'	250 1045 730	Circ. 800' Circ.	4/30/55	9/24/82	6082'/6082'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 106 ConocoPhillips Co.	A	660' FNL & 660' FEL Sec.34-T20S-R38E	OPU 1(	5919-6152' 6600-6735'	8-5/8" 5-1/2"	1521' 6850'	800 1232	Circ. 1550'	4/8/93	6/14/93	6850'/6815'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 337 ConocoPhillips Co.	A	110' FNL & 1310' FEL Sec.34-T20S-R38E		Not yet completed	8-5/8" 5-1/2"	1529' 6978'	725 1200	Circ. Circ.	5/26/10		7077'	
Warren Unit No. 338 ConocoPhillips Co.	A	110' FNL & 300' FEL Sec.34-T20S-R38E		Not yet completed	8-5/8" 5-1/2"	1550' 7057'	710 1200	Circ. Circ.	6/3/10		7075'	
Warren Unit No. 39 ConocoPhillips Co.	B	660' FNL & 1980' FEL Sec.34-T20S-R38E	IWA	5875-6217' 6579-6716'	9-5/8" 7"	1525' 7025'	700 1225	Circ. 2530'	1/7/76	3/2/78	7025'/6875'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 215 ConocoPhillips Co.	B	1310' FNL & 2630' FEL Sec.34-T20S-R38E	OPU 37	5830-6185' 6554-6685'	8-5/8" 5-1/2"	1495' 6800'	660 1160	Circ. 200'	7/14/97	9/11/97	6800'/6759'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 336 ConocoPhillips Co.	B	60' FNL & 2630' FEL Sec.34-T20S-R38E	OPU	5857-6657' 6832-6921'	8-5/8" 5-1/2"	1548' 7029'	710 1200	Circ. Circ.	5/18/10	6/23/10	7040'/6975'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 34 ConocoPhillips Co.	C	660' FNL & 1980' FWL Sec.34-T20S-R38E	OPU	5814-6160' 6386-6650'	9-5/8" 7"	1470' 6975'	600 1225	Circ. 2425'	8/1/75	4/8/87	6975'/6880'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 214 ConocoPhillips Co.	C	1310' FNL & 1330' FWL Sec.34-T20S-R38E	OPU 40	5805-6228' 6451-6585'	8-5/8" 5-1/2"	1515' 6800'	660 1500	Circ. Circ.	5/25/97	7/23/97	6750'/6701'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 97 ConocoPhillips Co.	D	660' FNL & 660' FWL Sec.34-T20S-R38E	OPU 41	5752-6591' 6730-6841'	9-5/8" 7"	1499' 7000'	1500 2595	Circ. Circ.	4/26/91	8/12/91	7000'/6955'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 213 ConocoPhillips Co.	D	1310' FNL & 10' FWL Sec.34-T20S-R38E	OPU 42	5782-6288' 6440-6600'	8-5/8" 5-1/2"	1495' 6750'	460 1275	Circ. Circ.	5/9/97	7/8/97	6750'/6700'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 335 ConocoPhillips Co.	D	10' FNL & 1310' FWL Sec.34-T20S-R38E	OPU 43	5841-6607' 6664-6855'	8-5/8" 5-1/2"	1530' 7069'	710 1250	Circ. Circ.	5/8/10	6/8/10	7084'/7025'	Warren Blinebry-Tubb Oil & Gas Warren Drinkard (DHC)
Warren Unit No. 20 ConocoPhillips Co.	E	1980' FNL & 660' FWL Sec.34-T20S-R38E	IWA	5890-6020'	13-3/8" 9-5/8" 7" 5"	240' 3031' 6028' 6029'	250 1238 504 81	Circ. 800' 2400' 5347'	11/3/55	12/15/84	6029'/6026'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 208 ConocoPhillips Co.	E	2630' FNL & 10' FWL Sec.34-T20S-R38E	OPU	5756-6154' 6214-6558'	8-5/8" 5-1/2"	1500' 6650'	780 1300	Circ. Circ.	4/11/96	6/15/96	6650'/6606'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 38 ConocoPhillips Co.	F	1980' FNL & 1980' FWL Sec.34-T20S-R38E	OPU	5805-5947'	9-5/8" 7"	1500' 7040'	600 900	Circ. 2600'	12/12/75	5/24/78	7045'/6399'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 207 ConocoPhillips Co.	F	2630' FNL & 1330' FWL Sec.34-T20S-R38E	OPU	5788-6065' 6495-6690'	8-5/8" 5-1/2"	1500' 6750'	705 1225	Circ. Circ.	10/16/96	1/27/97	6750'/6697'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 102 ConocoPhillips Co.	G	1980' FNL & 1980' FEL Sec.34-T20S-R38E	OPU	5842-6201' 6584-6716'	8-5/8" 5-1/2"	1500' 6775'	705 1180	Circ. Circ.	3/2/97	4/25/97	6775'/6729'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 206 ConocoPhillips Co.	G	2630' FNL & 2630' FEL Sec.34-T20S-R38E	OPU	5813-6204'	8-5/8" 5-1/2"	1490' 6750'	660 1420	Circ. Circ.	8/2/97	9/29/97	6750'/6465'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 101 ConocoPhillips Co.	J	1980' FSL & 1980' FEL Sec.34-T20S-R38E	OPU 44	5845-6100' 6534-6696'	8-5/8" 5-1/2"	1495' 6775'	610 1360	Circ. Circ.	2/10/97	3/25/97	6775'/6725'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 75 ConocoPhillips Co.	K	1980' FSL & 1980' FWL Sec.34-T20S-R38E	IWA	5812-6023'	8-5/8" 5-1/2"	1500' 6130'	730 1286	Circ. Circ.	5/13/79	1/6/83	6130'/6076'	Warren Blinebry-Tubb Oil & Gas

23 60 57

30-Jun-10		Wells Within 1/2 Mile Which Penetrate Zone of Interest										
Well and Operator	**Unit**	**Location**	**Type**	**Interval**	**Size**	**Depth**	**No. Sx**	**TOC**	**Spud Date**	**Compl. Date**	**TD/PBD**	**Pool Name**
Warren Unit No. 18 ConocoPhillips Co.	L	1980' FSL & 660' FWL Sec.34-T20S-R38E	OPU SI	5796-5999'	13-3/8" 9-5/8" 7"	263' 3049' 6007'	250 1054 540	Circ. 1450' 2890'	8/30/55	9/30/55	6008'/6000'	Warren Blinebry-Tubb Oil & Gas
Warren Unit No. 90 Conoco, Inc.	B	660' FNL & 2050' FEL Sec.35-T20S-R38E	P&A		9-5/8" 7"	1561' 7750'	610 3182	Circ. Circ.	11/9/81	6/18/82	7750'	
Warren Unit No. 79 ConocoPhillips Co.	D	660' FNL & 660' FWL Sec.35-T20S-R38E	IWA	5924-6165' 6594-6721'	9-5/8" 7"	1587 6830'	593 2175	50' Circ.	4/8/80	6/11/80	6830'/6775'	Warren Blinebry-Tubb Oil & Gas
Type of Well:												

GFL - Gas well flowing.

GFO - Gas well flowing oil.

IWA - Injection well active.

OFL - Oil well flowing.

OPL - Oil well produced by plunger lift.

OPU - Oil well produced by pumping unit.

OPS - Oil well permanently shut-in.

OTS - Oil well temporarily shut-in.

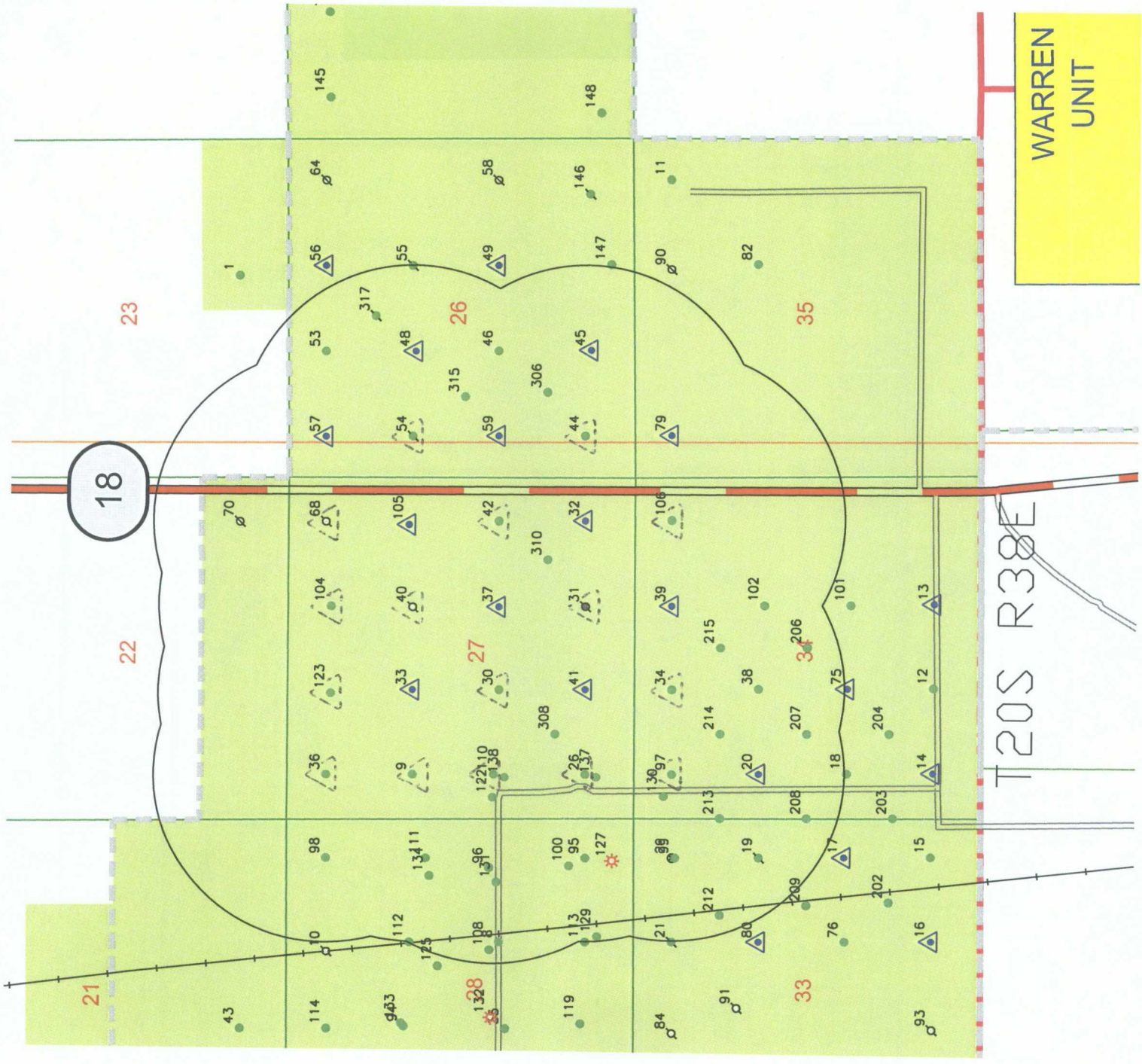
P&A - Well which has been plugged and abandoned.

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

VI. WELLS WITHIN THE ½ MILE AREA OF REVIEW

The following table presents data for all wells that are located within the area of review and which penetrate the proposed injection zone for each of the 16 proposed water injection wells for which ConocoPhillips Company is submitting this application. Schematics of all the plugged wells located within the area of review are included, which illustrates the plugging detail for these wells.

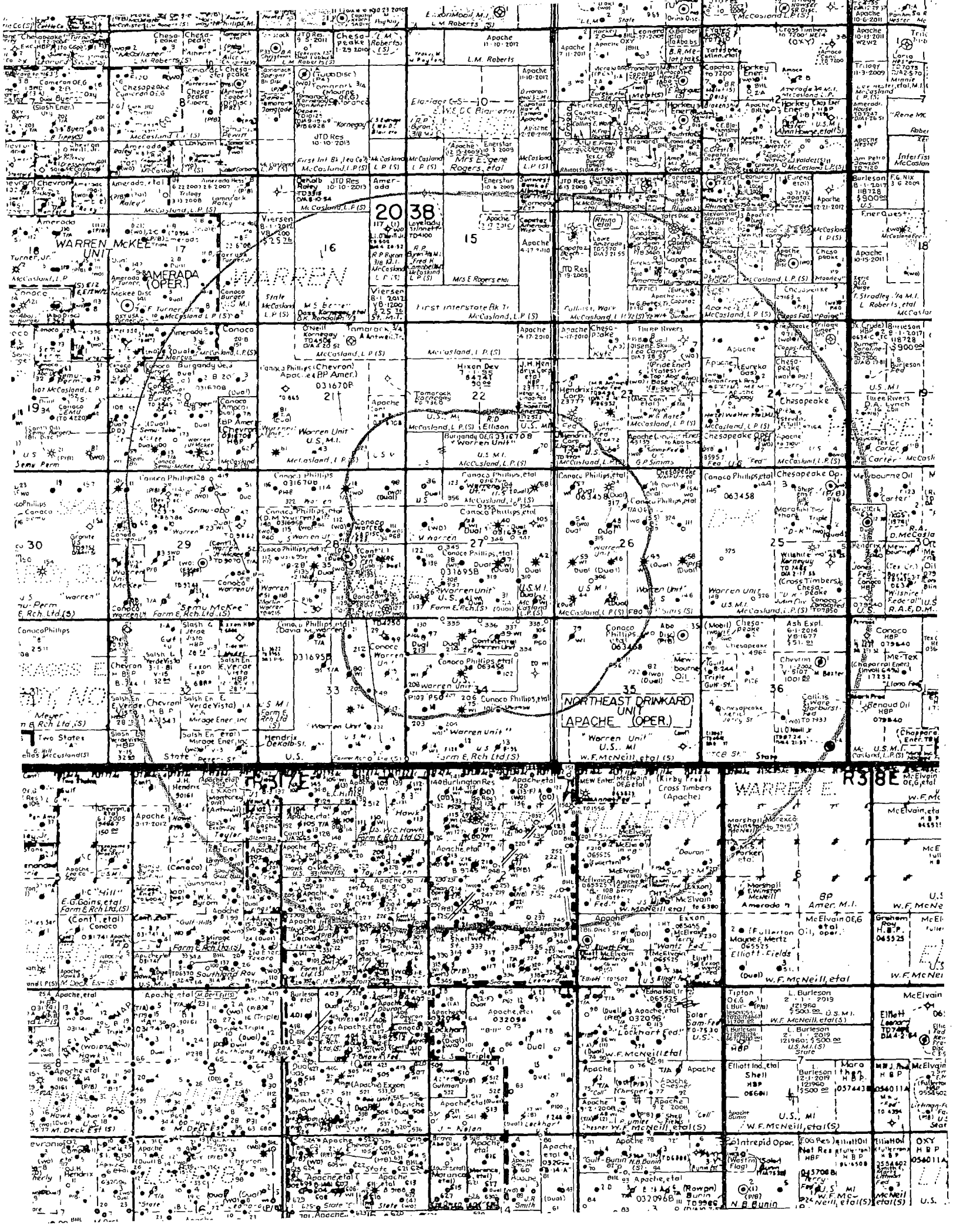
C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123



C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

V. MAPS OF AREA OF REVIEW

The following map identifies all wells located within two miles of the 16 proposed water injection wells, with a half-mile radius drawn around the area of review for each proposed injection well. The second map illustrates, in greater detail, the wells that are located within the area of review of each proposed injection well.


WARREN McKEE UNIT
AMERADA (OPER.)
WARREN
NORTHEAST DRINKARD UNIT
APACHE (OPER.)
R37E
R38E

ConocoPhillips

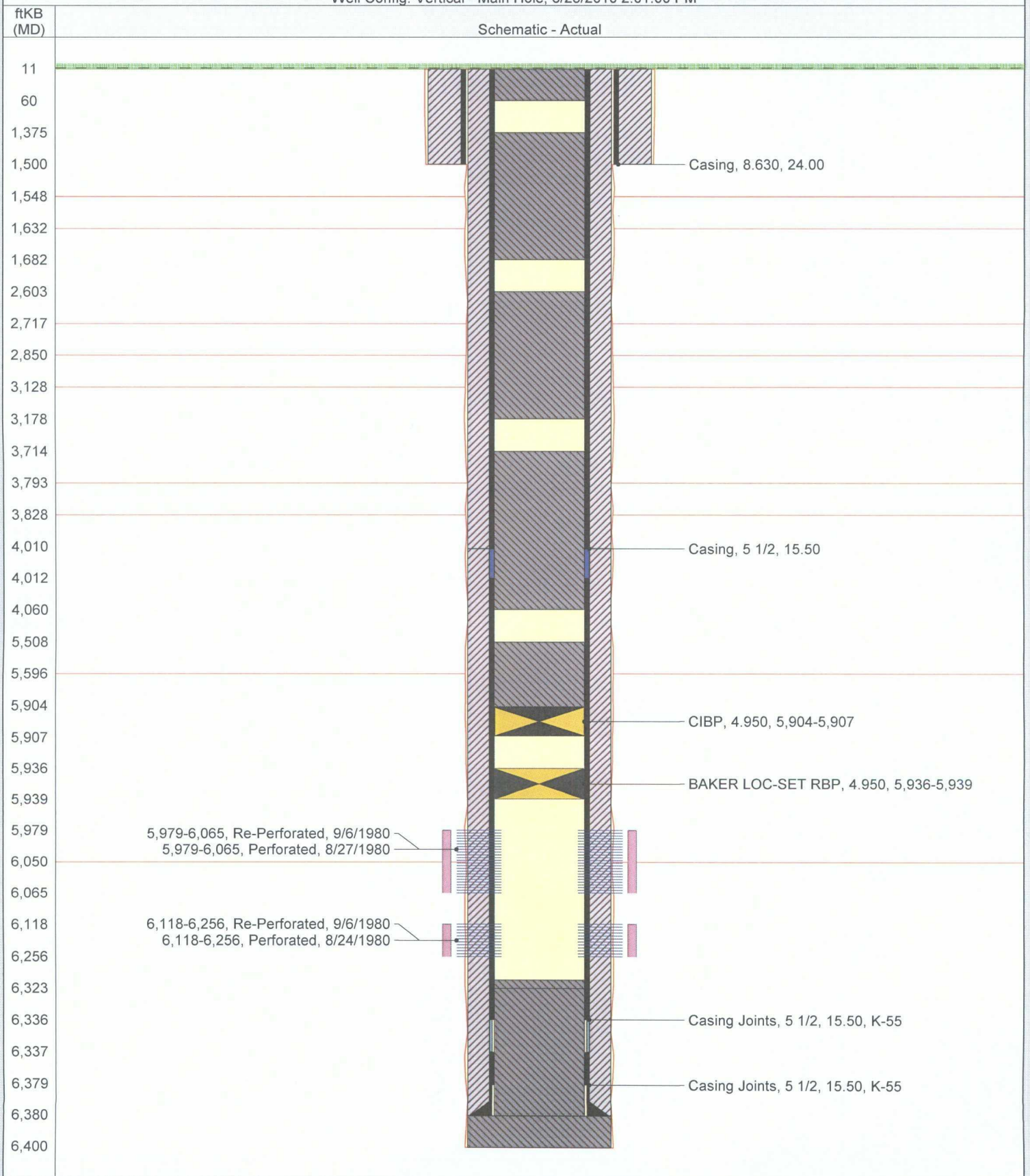
CURRENT SCHEMATIC

WARREN UNIT 070

District	Field Name	API / UWI	County	State/Province
PERMIAN	WARREN	300252684100	LEA	NEW MEXICO

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
7/18/1980	SEC. 22, T20S, R38E, UL "P"	660.00	E	660.00	S

Well Config: Vertical - Main Hole, 6/25/2010 2:01:00 PM



Report Printed: 6/25/2010

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- *Other instructions on reverse side.*

5 Lease Serial No
LC 031670B

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

1 Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8 Well Name and No
Warren Unit B/T WF # 70

2 Name of Operator **ConocoPhillips Company ATTN: Celeste Dale**

9 API Well No.
30-025-26841

3a Address
P.O. Box 51810 Midland, Texas 79710-1810

3b Phone No *(include area code)*
432-688-6943

10 Field and Pool, or Exploratory Area
Warren Unit Tubbs O&G Blinebry

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Unit P, 660' FSL & 660' FEL, Section 22, T-20-S, R-38-E

11 County or Parish, State
Lea, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

9/2/2009 Set 5 1/2" CIBP @ 5904' Spot 40sxs cmt @ 5904'-5508'
9/2/2009 Spot 30sxs cmt @ 4060'-3714'
9/2/2009 Spot 55sxs cmt @ 3178' Tag plug @ 2603'
9/3/2009 Spot 30sxs cmt @ 1682' Tag plug @ 1375'
9/3/2009 Spot 10sxs cmt from 60' to surface
Install Dry Hole Marker

RECEIVED
SEP 30 2009
HOBBSOCD

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Larry Winn Title **Area Manager, P&A Basic Energy Services 432.530.0907**

Signature Date **09/08/2009**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by PETROLEUM ENGINEER Title Date SEP 30 2009

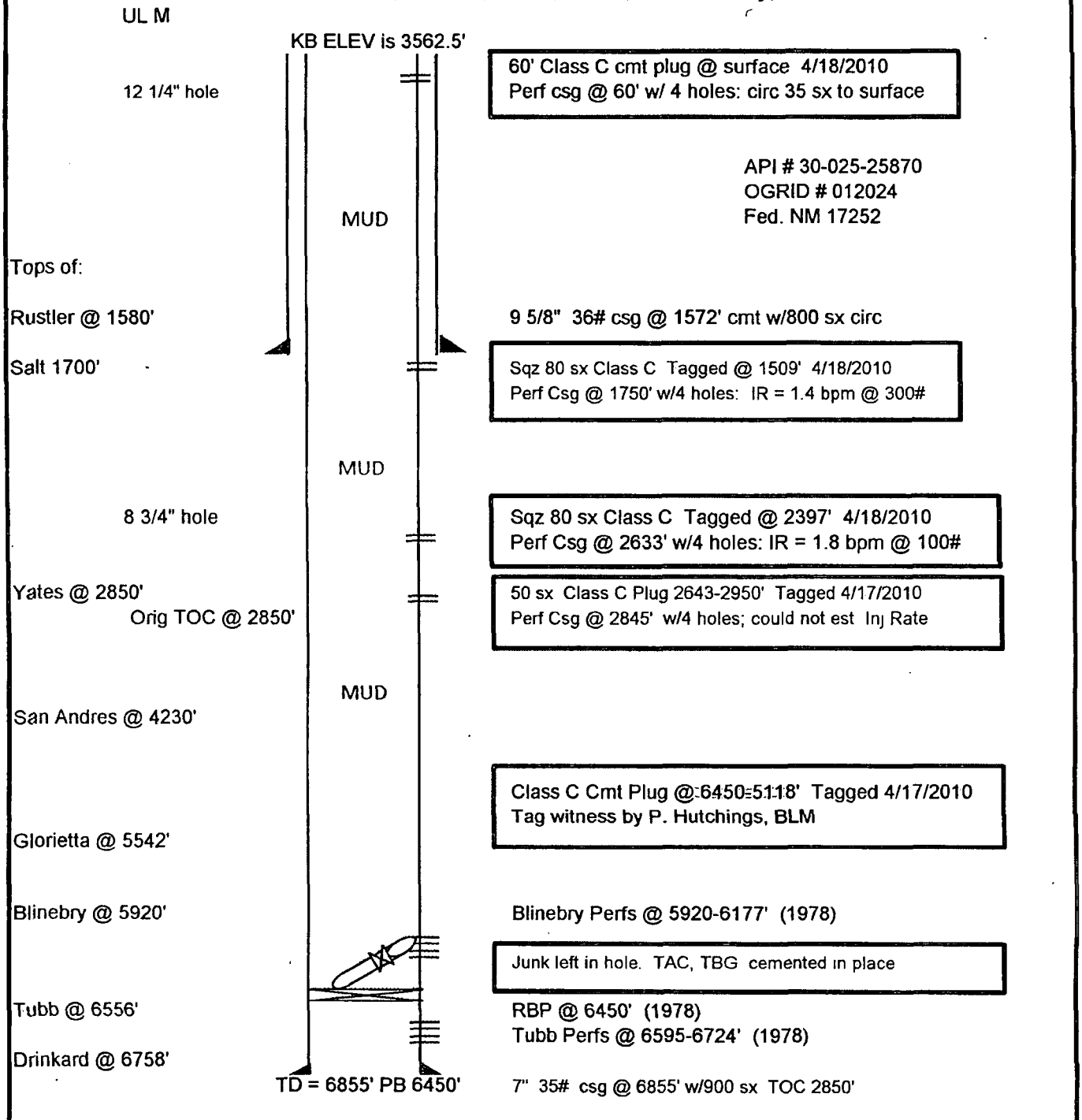
Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

Llano Fed #1Y

660' FSL & 723' FWL, Sec 23, T20S, R38E, Lea County, New Mexico



Drawn	BY
2010 PA	JHHC

John H. Hendrix Corporation
110 North Marienfeld Suite 400
Midland, TX 79702

Llano Federal #1Y
660' FSL & 723' FWL
SEC 23, T20S, R38E
Lea County New Mexico

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS
RECEIVED
MAY 27 2010
HOBBSOCD

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.: NM17252
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA/Agreement, Name and/or No.:
1. Type of Well: ☒ Oil Well ☒ Gas Well ☐ Other ✓
8. Well Name and No.: Llano Federal #1Y ✓
2. Name of Operator: John H Hendrix Corporation ✓
9. API Well No.: 30-025-25870 ✓
3a. Address: P.O. Box 3040, Midland, TX 79702
3b. Phone No. *(include area code)*: 432-684-6631
10. Field and Pool, or Exploratory Area: Blinebry Oil & Gas ✓
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 660' FSL & 723' FWL ✓ BH ✓ UL M, Sec. 23, T20S, R37E
11. County or Parish, State: Lea Co, NM ✓

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

4/12-15/10 Notify BLM of P&A. POOH. Found tight spot @ 3636' and had to cut-off above TAC. Left TAC and tbg in hole to cement in place: approval of Chris Walls, Carlsbad, BLM.

4/16/10 Tag Top of Fish @ 6007'. OE tbg to 6000'; circ csg w/200 bbls P&A mud, 10 bbls FW spacer, 200 sx Class C (14.8 ppg, 1.32 yield) obtaining 2000# running sqz. WOC.

4/17/10 Tag cmt @ 5118': Blinebry Perfs @ 5920-6177'; Glorietta top @ 5542'. Perf csg w/4 holes @ 2845'; no Inj Rate. Pump 50 sx Class C @ 2950'. WOC. Tag plug @ 2643'. Perf csg w/4 holes @ 2633'. Pump/sqz 80 sx Class C. WOC.

4/18/10 Tag cmt @ 2397'. Btm of salt plug 2397-2950'. Perf csg w/4 holes @ 1750' and sqz 80 sx Class C @ 1.8 bpm. WOC. Tag Top of Salt plug (and csg shoe plug) @ 1509'. Perf csg @ 60' and circ 35 sx Class C. Well P&A. Pat Hutchings, BLM, Hobbs office witnessing.

Reclamation Due 10/15/10

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: Carolyn Doran Haynes
Title: Engineer
Signature: Carolyn Doran Haynes
Date: 4/16/10

Accepted as to plugging of the well bore. Liability under bond is retained until Surface restoration is completed.

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: ECG 6-1-10
Title:
Date: MAY 18 2010
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Office:

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RM

ConocoPhillips

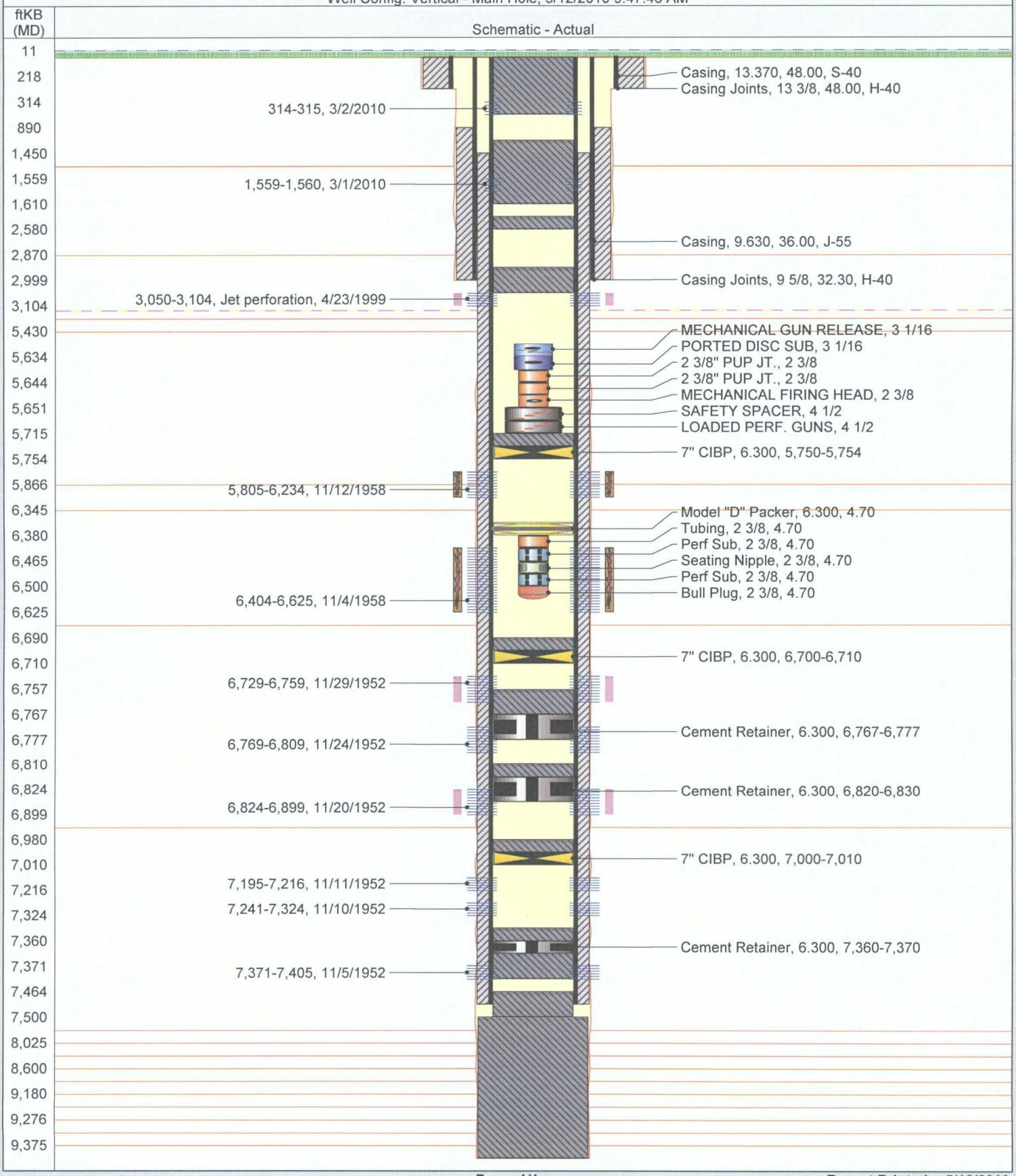
CURRENT SCHEMATIC

WARREN UNIT 010

District	Field Name	API / UWI	County	State/Province
PERMIAN	WARREN	3002507843	LEA	NEW MEXICO

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
8/27/1952	SEC. 28, T20S, R38E	2,130.00	E	660.00	N

Well Config: Vertical - Main Hole, 5/12/2010 9:47:46 AM



Report Printed: 5/12/2010

Form 3160-5
(February 2005)

RECEIVED
MAR 29 2010
HOBBSOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
LC 031670 B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
N.M. 71052X

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
WARREN UNIT BURGER 10

2. Name of Operator
CONOCO PHILLIPS COMPANY ATTN: MICHELLE NAVARETTE

9. API Well No.
30-025-07843

3a. Address
P.O. Box 51810, Midland, TX 79710-1810

3b. Phone No. *(include area code)*
(432) 688-6884

10. Field and Pool, or Exploratory Area
WARREN BLINEBRY TUBB

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
660' FNL & 2130' FEL, SECTION 28, T-20-S, R-38-E

11. County or Parish, State
LEA NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

2-24-10 Notify B.L.M. to move in.

2-26-10 Tbg. @3,050'. Spot 30 sx cmt. Calculate T.O.C. @2,871'. Tag @2,875'.

3-1-10 Tbg. @2,875'. Circulate hole w/10# M.L.F. Tbg. @2,580'. Spot 30 sx. cmt. w/2% CaCl. Calculate T.O.C. @2,431'. Tag @2,400'. Perf. @1,560'. Closed B.O.P. & pressure to 1,000 PSI. Did not get injection rate. O.K. by Cathy, B.L.M., to R.I.H. w/tbg openended to 2,610'. Spot 35 sx. cmt. Calculate T.O.C. @1,401' & TAG @1,390'.

3-2-10 Perf. @315'. Get injection rate. N.D. B.O.P. N.U. Wellhead. Pump 235 sx. cmt. from 315' to surface out of 9 5/8" X 13 3/8" csg. Leave 7" full of cmt. R.D.M.O.

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

Reclamation Due 8/29/10

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* GARY EGGLESTON
Title P & A SUPV.
Signature
Date 3-11-10

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by EG 3/29/10
Title
Date MAR 29 2010
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Office
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ConocoPhillips

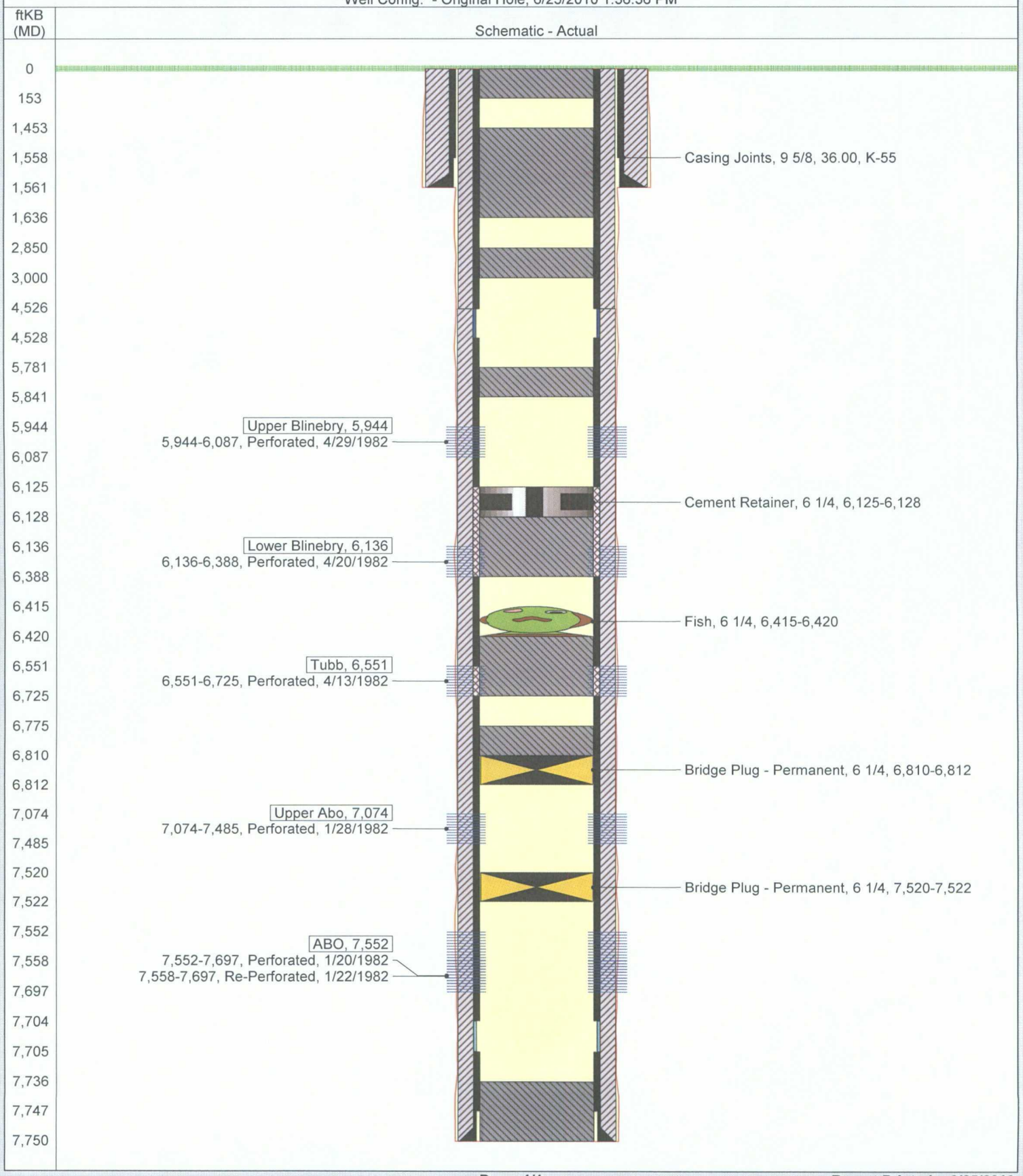
CURRENT SCHEMATIC

WARREN UNIT 090

District	Field Name	API / UWI	County	State/Province

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref

Well Config: - Original Hole, 6/25/2010 1:36:36 PM



Report Printed: 6/25/2010

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.: LC 063458

6. If Indian, Allottee or Tribe Name:

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation:

1. Type of Well: [XX] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Warren Unit No. 90

2. Name of Operator: Conoco Inc.

9. API Well No.: 30-025-27544

3. Address and Telephone No.: 10 Desta Dr. Ste 100W, Midland, TX 79705

10. Field and Pool, or Exploratory Area: Blinebry

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 660' FNL & 2050' FEL Sec. 35, T-20S, R-38E

11. County or Parish, State: Lea

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[X] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7-18-94 MIRU. Run tbg. Tag CIBP @ 5841'. CIR & Spot 10SX top of CIBP 5841'-5781'
Pull tbg to 3000'. Spot 25SX 3000'-2850'. Pull tbg to 1636. Spot 25SX 1636'-1453.
Pull tbg to 153'. Cir 30SX to Surface. Class "C" CMT. Mud 25lb. Salt Gel/Barrel.
Cut off wellhead. put in marker, fill cellar. rig down 7-20-94

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Pat Johnston Title Staff Regulatory Assistant Date 8-12-94

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA Title PETROLEUM ENGINEER Date 9/6/94

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

6

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

VII. PROPOSED OPERATION

1. Average Daily Rate of Fluids to be Injected: 500 BWPD/well
   Maximum Daily Rate of Fluids to be Injected: 800 BWPD/well

2. The system will be a closed system.

3. Average Injection Pressure: 1700 psi/well
   Maximum Injection Pressure: 2000 psi/well

   The proposed average and maximum injection pressure is based on: 1) the enclosed maximum injection pressures from the current Warren Unit Blinebry-Tubb injection wells that were obtained based on step rate test data (the 11/21/1994 memorandum authorizing the injection pressure increases is also enclosed), and 2) tabulated instantaneous shut in pressure data from the proposed injection wells.

4. Injection fluid will be obtained from nearby wells producing from the Warren Grayburg-San Andres, Warren Blinebry-Tubb, and Warren Drinkard pools. Produced water from the Warren Blinebry-Tubb and Warren Drinkard pools is currently gathered at the Warren Unit Battery 1 and used as injection fluid by the existing injection wells in this area. Attached is a water analysis from Warren Unit Battery 1, as well as water analysis reports from the following Warren Grayburg-San Andres wells: Warren Unit #83, #125, and #129. Also attached is compatibility data between the Warren Unit #83 (Grayburg-San Andres water) and the Warren Unit Battery 1 (Warren Blinebry-Tubb and Warren Drinkard water).

5. Not applicable.

C-108 SECTION VII ATTACHMENT
WARREN UNIT BLINEBRY-TUBB MAXIMUM INJECTION PRESSURES

Lease/Property	Well #	API Number	Unit Letter	Section	Case #	Order #	Rate BWPD	Press Tbg	Maximum Press	Vol
WARREN UNIT BLIN-TUB WF	13	30-025-0788100	O	34	10220	R-6906			2,000	
WARREN UNIT BLIN-TUB WF	14	30-025-0788900	M	34	10220	R-6906			2,000	
WARREN UNIT BLIN-TUB WF	16	30-025-0787600	O	33	10220	R-6906-A			2,000	
WARREN UNIT BLIN-TUB WF	17	30-025-0787700	I	33	10220	R-6906			2,000	
WARREN UNIT BLIN-TUB WF	20	30-025-0788200	E	34	10220	R-6906			2,000	
WARREN UNIT BLIN-TUB WF	32	30-025-2504300	P	27	10220	R-6906-B			1,670	
WARREN UNIT BLIN-TUB WF	33	30-025-2504400	F	27	10220	R-6906-B			1,597	
WARREN UNIT BLIN-TUB WF	37	30-025-2515300	J	27	10220	R-6906-B			1,370	
WARREN UNIT BLIN-TUB WF	39	30-025-2520300	B	34	10220	R-6906-B			1,210	
WARREN UNIT BLIN-TUB WF	41	30-025-2524500	K	27	10220	R-6906-B	5	930'	1,186	
WARREN UNIT BLIN-TUB WF	45	30-025-2556700	N	26	10220	R-6906-B			1,530	
WARREN UNIT BLIN-TUB WF	48	30-025-2585100	F	26	10220	R-6906-B			1,510	
WARREN UNIT BLIN-TUB WF	49	30-025-2585200	J	26	10220	R-6906-B			1,670	
WARREN UNIT BLIN-TUB WF	56	30-025-2591700	B	26	10220	R-6906-B			1,940	
WARREN UNIT BLIN-TUB WF	57	30-025-2620300	D	26	10220	R-6906-B			1,940	
WARREN UNIT BLIN-TUB WF	59	30-025-2548800	L	26	10220	R-6906-B			1,410	
WARREN UNIT BLIN-TUB WF	75	30-025-2631200	K	34	10220	R-6906			2,000	
WARREN UNIT BLIN-TUB WF	79	30-025-2663200	D	35	10220	R-6906-B			1,510	
WARREN UNIT BLIN-TUB WF	80	30-025-2664200	G	33	10220	R-6906			2,000	
WARREN UNIT BLIN-TUB WF	105	30-025-3121700	H	27	10220	R-6906-B			1,850	

0.2 x 9250' = 1850

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

November 21, 1994

R-1906-B

Conoco, Inc.
10 Desta Drive, Suite 100W
Midland, Texas 79705-4500

Attn: Mr. Jerry W. Hoover

RE: Injection Pressure Increase Warren Blinebry-Tubb Waterflood Project Lea County, New Mexico

Dear Mr. Hoover:

IPI

Reference is made to your request dated October 6, 1994 to increase the surface injection pressure on 11 wells. This request is based on step rate tests conducted on these wells between July 25 and August 9, 1994. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells:

Well and Location	Maximum Injection Surface Pressure
Warren Unit Well No.32 Unit P, Section 27,	1670 PSIG
Warren Unit Well No.33 Unit F, Section 27,	1597 PSIG
Warren Unit Well No.37 Unit J, Section 27,	1370 PSIG
Warren Unit Well No.39 Unit B, Section 34,	1210 PSIG

Well and Location	Maximum Injection Surface Pressure
Warren Unit Well No.45 Unit N, Section 26,	1530 PSIG
Warren Unit Well No.48 Unit F, Section 26,	1510 PSIG
Warren Unit Well No.49 Unit J, Section 26,	1670 PSIG
Warren Unit Well No.57 Unit D, Section 26,	1940 PSIG
Warren Unit Well No.59 Unit L, Section 26,	1410 PSIG
Warren Unit Well No.79 Unit D, Section 35,	1510 PSIG
Warren Unit Well No.105 Unit H, Section 27,	1850 PSIG
All wells located in Township 20 South, Range 38 East, Lea County, New Mexico.	

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

William J. LeMay
Director

WJL/BES

cc: Oil Conservation Division - Hobbs
File: 4th Quarter PSI-X; Case File No.10220

C-108 SECTION VII ATTACHMENT
WARREN UNIT WIW CONVERSIONS - STIMULATION ISIP/ISDP

Warren Unit Well	Zone	Top Perf	Bottom Perf	Mid Perf	ISIP or ISDP (psig)	Date	Comment
9	Blinebry	6005	6321	6163	3200	02/11/88	Sand Frac
9	Blinebry	5871	5965	5918	3200	02/17/88	Sand Frac
30	Blinebry	5950	6063	6007	2800	06/04/74	Sand Frac
30	Blinebry	5792	5896	5844	2400	06/06/74	Sand Frac
30	Blinebry	5792	6168	5980	2600	07/10/74	Sand Frac
31	Blinebry	5807	5937	5872	2500	03/07/75	Sand Frac
31	Blinebry	5968	6205	6087	2800	11/11/84	Sand Frac
34	Blinebry	5814	5878	5846	2200	09/11/75	Sand Frac
34	Blinebry	5948	6160	6054	2550	12/08/92	Sand Frac
36	Blinebry	5885	6096	5991	3200	02/13/76	Sand Frac
36	Blinebry	6202	6445	6324	3250	08/01/95	Sand Frac
36	Blinebry	5882	6136	6009	3265	08/08/95	Sand Frac
40	Blinebry	5912	6034	5973	2800	02/28/76	Sand Frac
42	Blinebry	5919	6040	5980	2900	12/15/76	Sand Frac
42	Blinebry	5919	6230	6075	3097	05/27/92	Sand Frac
44	Blinebry	5956	6076	6016	2700	04/23/77	Sand Frac
54	Blinebry	6061	6190	6126	3150	12/26/78	Sand Frac
54	Blinebry	5927	6011	5969	3000	12/30/78	Sand Frac
68	Blinebry	6021	6232	6127	2600	04/05/80	Sand Frac
97	Blinebry	6074	6294	6184	3050	06/06/91	Sand Frac
97	Blinebry	5752	6027	5890	2730	04/30/92	Sand Frac
104	Blinebry	5988	6171	6080	2800	09/12/97	Sand Frac
106	Blinebry	5919	6152	6036	2200	05/18/93	Sand Frac
110	Blinebry	6070	6267	6169	2500	06/07/93	Sand Frac
110	Blinebry	5730	5984	5857	2300	04/05/94	Sand Frac
123	Blinebry	6040	6407	6224	3860	06/27/96	Sand Frac

Water Analysis Report

3/31/2010

Address:

Customer: Conoco Phillips
Attention: Vernon Mackey
CC:

Lease: WARREN UNIT
Formation:
Salesman: Jody Fortner

Target Name: WU Bty 1
Sample Point: WU Bty 1

Sample Date: 03/17/2010 **Test Date:** 03/31/2010

Water Analysis(mg/L)

Calcium	2967
Magnesium	2333
Barium	
Strontium	
Sodium(calc.)	25144
Bicarbonate Alkalinity	769
Sulfate	1869
Chloride	49000
Resistivity	0.0780

Appended Data(mg/L)

CO2	160
H2S	154
Iron	1
Oxygen	
Manganese	

Physical Properties

Ionic Strength(calc.	1.62
pH(calc.)	6.50
Temperature(°F)	90
Pressure(psia)	50
Density	8.81

Additional Data

Specific Gravity	1.06
Total Dissolved Solids(Mg/L)	82083
Total Hardness(CaCO3 Eq Mg/	16979

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

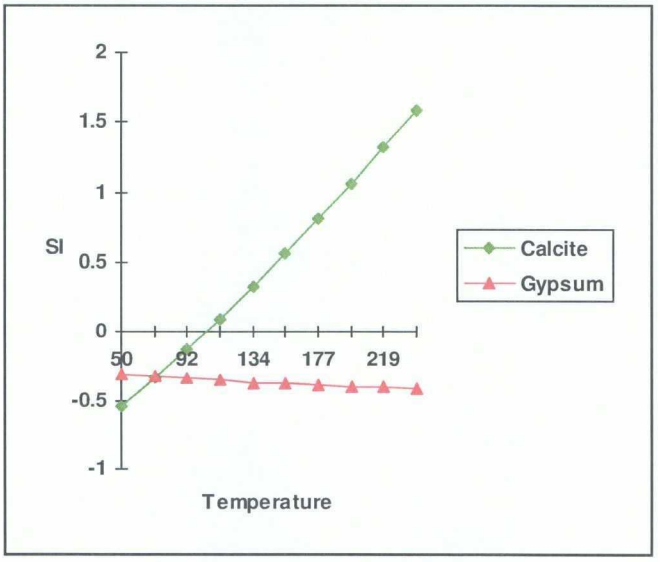
Calculation Method	Value
CO2 in Brine(mg/L)	160

Remarks: Warren Unit Battery 1 Produced Water

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.14	
Gypsum (Calcium Sulfate)	-0.34	
Hemihydrate (Calcium Sulfate)	-0.35	
Anhydrite (Calcium Sulfate)	-0.47	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.54	-0.33	-0.12	0.10	0.33	0.57	0.81	1.06	1.32	1.58
Gypsum	-0.31	-0.32	-0.34	-0.35	-0.37	-0.38	-0.39	-0.40	-0.40	-0.41

Lab Tech.:

Water Analysis Report

1/22/2010

Address:

Customer: Conoco Phillips
Attention: Vernon Mackey
CC:

Lease: WARREN UNIT
Formation:
Salesman: Jody Fortner

Target Name: Warren Unit 83 **Sample Point:** Warren Unit 83

Sample Date: 01/14/2010 **Test Date:** 01/22/2010

Water Analysis(mg/L)

Calcium	561
Magnesium	486
Barium	
Strontium	
Sodium(calc.)	4317
Bicarbonate Alkalinity	1671
Sulfate	131
Chloride	8000
Resistivity	0.4220

Appended Data(mg/L)

CO2	80
H2S	821
Iron	1
Oxygen	
Manganese	

Physical Properties

Ionic Strength(calc.	0.29
pH(calc.)	7.12
Temperature(°F)	90
Pressure(psia)	50
Density	8.42

Additional Data

Specific Gravity	1.01
Total Dissolved Solids(Mg/L)	15167
Total Hardness(CaCO3 Eq Mg/	3394

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

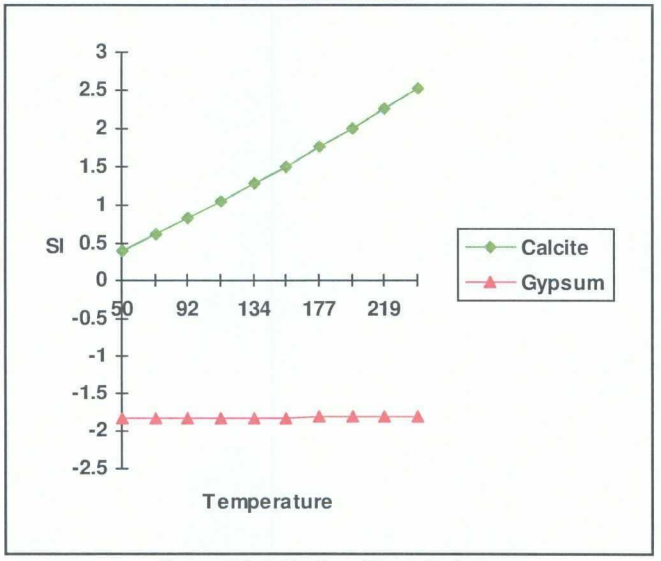
Calculation Method	Value
CO2 in Brine(mg/L)	80

Remarks: San Andres Water
Warren Grayburg - San Andres

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	0.80	318.10
Gypsum (Calcium Sulfate)	-1.82	
Hemihydrate (Calcium Sulfate)	-1.69	
Anhydrite (Calcium Sulfate)	-2.07	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	0.40	0.61	0.82	1.04	1.27	1.50	1.75	2.00	2.26	2.52
Gypsum	-1.83	-1.82	-1.82	-1.82	-1.82	-1.82	-1.81	-1.81	-1.81	-1.81

Lab Tech.:

Water Analysis Report

7/14/2009

Address:

Customer: Conoco Phillips
Attention: Vernon Mackey
CC:

Lease: WARREN UNIT
Formation:
Salesman: Jody Fortner

Target Name: WU 125 **Sample Point:** WU 125

Sample Date: 07/06/2009 **Test Date:** 07/13/2009

Water Analysis(mg/L)

Calcium	722
Magnesium	389
Barium	
Strontium	
Sodium(calc.)	5956
Bicarbonate Alkalinity	1159
Sulfate	2604
Chloride	9000
Resistivity	0.3227

Appended Data(mg/L)

CO2	320
H2S	770
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.	0.39
pH(calc.)	6.33
Temperature(°F)	90
Pressure(psia)	50
Density	8.44

Additional Data

Specific Gravity	1.01
Total Dissolved Solids(Mg/L)	19830
Total Hardness(CaCO3 Eq Mg/	3399

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

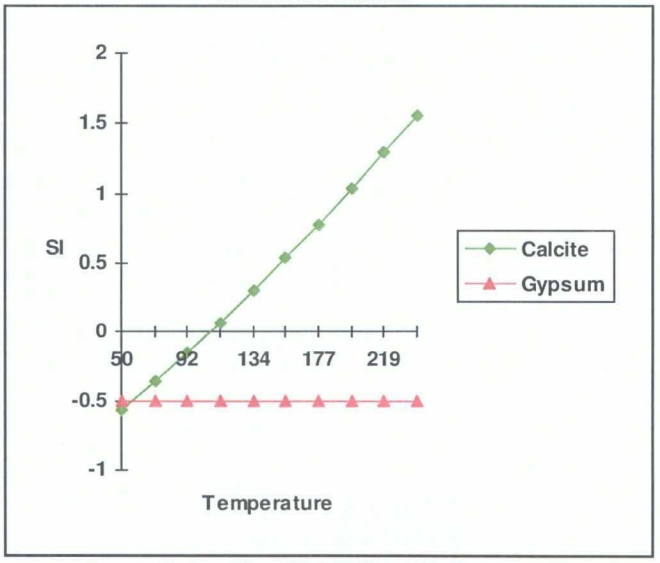
Calculation Method	Value
CO2 in Brine(mg/L)	320

Remarks: San Andres Water
Warren Grayburg - San Andres

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.17	
Gypsum (Calcium Sulfate)	-0.50	
Hemihydrate (Calcium Sulfate)	-0.40	
Anhydrite (Calcium Sulfate)	-0.74	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.57	-0.36	-0.15	0.07	0.30	0.54	0.78	1.03	1.29	1.56
Gypsum	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50

Lab Tech.:

Water Analysis Report

7/14/2009

Address:

Customer: Conoco Phillips
Attention: Vernon Mackey
CC:

Lease: WARREN UNIT
Formation:
Salesman: Jody Fortner

Target Name: WU 129
Sample Point: WU 129

Sample Date: 07/06/2009 **Test Date:** 07/13/2009

Water Analysis(mg/L)

Calcium	642
Magnesium	243
Barium	
Strontium	
Sodium(calc.)	3994
Bicarbonate Alkalinity	1293
Sulfate	1696
Chloride	6000
Resistivity	0.4615

Appended Data(mg/L)

CO2	310
H2S	684
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.27
pH(calc.)	6.43
Temperature(°F)	90
Pressure(psia)	50
Density	8.41

Additional Data

Specific Gravity	1.01
Total Dissolved Solids(Mg/L)	13868
Total Hardness(CaCO3 Eq Mg/	2601

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

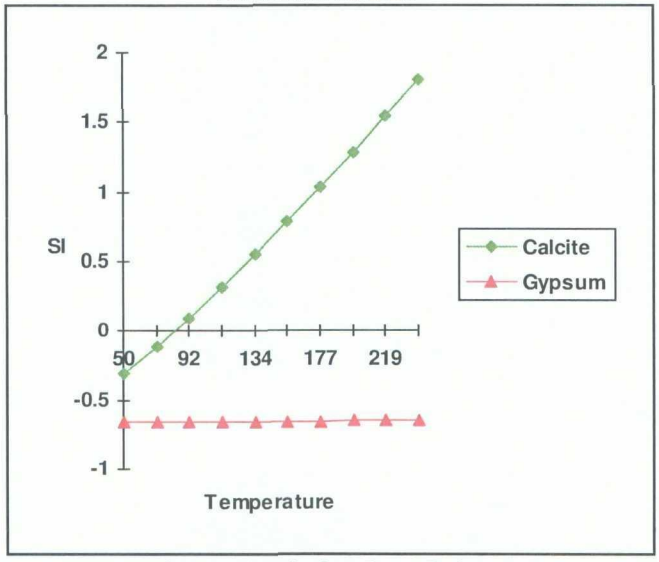
Calculation Method	Value
CO2 in Brine(mg/L)	310

Remarks: San Andres Water
Warren Grayburg - San Andres

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	0.08	39.50
Gypsum (Calcium Sulfate)	-0.66	
Hemihydrate (Calcium Sulfate)	-0.53	
Anhydrite (Calcium Sulfate)	-0.91	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.31	-0.11	0.10	0.32	0.55	0.79	1.03	1.28	1.54	1.81
Gypsum	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.65	-0.65	-0.65

Lab Tech.:

Lowder, Jack T

From: Mackey, Vernon
Sent: Friday, February 12, 2010 3:15 PM
To: Coy, C. John; Lowder, Jack T; Johansen, Larry D.; Pecore, Doug W
Subject: Warren Unit Battery#1 - Warren Unit #83 Water Compatibility
Attachments: ConocoWU-02-12-10.pdf

FYI

Thanks
Vernon Mackey
Hobbs East Production Foreman
Cell (575) 390-3411
Office (575) 391-3129

From: Fortner,Jody [mailto:Jody.Fortner@champ-tech.com]
Sent: Friday, February 12, 2010 10:17 AM
To: Mackey, Vernon
Subject: FW: Conoco compatibility

Vernon,

In the attachment is the compatibility test for the Warren Unit Battery # 1 and the Warren nit # 83. From the looks of the testing we can inject the waters together using normal scale inhibition method. If you have any questions please call or email me.

Thanks,

Jody B. Fortner
Champion Technologies
Account Manager
Cell (806) 893-4415
jody.fortner@champ-tech.com;

From: Baumholser,John
Sent: Friday, February 12, 2010 8:28 AM
To: Fortner,Jody
Subject: Conoco compatability

Saturation Index Calculations

Champion Technologies, Inc.

(Based on the Tomson-Oddo Model)

Brine 1: Warren Unit Bty 1
Brine 2: Warren Unit 83

	Brines		Ratio			
	Brine 1		57%			
Component (mg/L)		Brine 2	42%			
Calcium	4,732	561	2962	#DIV/0!	#DIV/0!	#DIV/0!
Magnesium	1,118	486	850	#DIV/0!	#DIV/0!	#DIV/0!
Barium			0	#DIV/0!	#DIV/0!	#DIV/0!
Strontium			0	#DIV/0!	#DIV/0!	#DIV/0!
Bicarbonate	647	1671	1081	#DIV/0!	#DIV/0!	#DIV/0!
Sulfate	2667	131	1591	#DIV/0!	#DIV/0!	#DIV/0!
Chloride	55,000	8000	35061	#DIV/0!	#DIV/0!	#DIV/0!
CO_2 in Brine	120	80	103	#DIV/0!	#DIV/0!	#DIV/0!
Ionic Strength	1.81	0.29	1.17	#VALUE!	#VALUE!	#VALUE!
Temperature (°F)	90	90	90	#DIV/0!	#DIV/0!	#DIV/0!
Pressure (psia)	50	50	50	#DIV/0!	#DIV/0!	#DIV/0!

Saturation Index

Calcite	0.05	0.80	0.38	#VALUE!	#VALUE!	#VALUE!
Gypsum	0.00	-1.82	-0.33	#VALUE!	#VALUE!	#VALUE!
Hemihydrate	-0.02	-1.69	-0.32	#VALUE!	#VALUE!	#VALUE!
Anhydrite	-0.10	-2.07	-0.50	#VALUE!	#VALUE!	#VALUE!
Barite	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!
Celestite	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!

PTB

Calcite	20.3	318.1	203.8	#VALUE!	#VALUE!	#VALUE!
Gypsum	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!
Hemihydrate	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!
Anhydrite	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!
Barite	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!
Celestite	N/A	N/A	N/A	#VALUE!	#VALUE!	#VALUE!

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

VIII. GEOLOGICAL DATA

The proposed injection zone is the Blinebry formation which is Permian (Leonardian) in age. The Blinebry zone is approximately 570' thick and at an average depth of around -2300' SSD. The zone is composed of dolomite and interbedded dolomite and anhydrite. The Blinebry zone is composed primarily of fine granular to fine crystalline silty dolomite with numerous small anhydrite inclusions and shale partings. The zone is a shelf carbonate that exhibits intercrystalline and intergranular porosity and relatively low permeability (5 md).

The Ogalala formation is a fresh water bearing zone in this area. The depth range of the base of the Ogalala is from 55 feet to 200 feet from the surface in this area.

IX. PROPOSED STIMULATION PROGRAM

The Blinebry perforations in the proposed injection wells will be acidized with approximately 5000 to 11,000 gallons of 15% NEFE HCl depending on the net feet of perforated interval.

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

X. LOGGING AND TEST DATA

The appropriate logging and test data for the 16 proposed injection wells has been previously filed with the Oil Conservation Division when the wells were initially drilled and completed.

XI. FRESH WATER CHEMICAL ANALYSIS

Chemical analysis of fresh water from the following fresh water wells within 1 mile of the 16 proposed injection wells are attached. This data has been previously submitted.

XII. STATEMENT OF HYDROLOGIC INTERGRITY

ConocoPhillips Company has examined available geological and engineering data, and finds no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

FRESH WATER WELLS IN T-20S, R-38E IN THE WARREN UNIT AREA,
AS REPORTED BY MR. DON URBINA, STATE ENGINEER, ROSWELL OFFICE

INFORMATION FURNISHED BY MR. URBINA	RESULTS OF FIELD SEARCH
1. Sec. 24 - NW4/NW4/NW4 - Stock Well Owner: Dallas McCasland Drilled: 12/13/88 T.D.: 53' Water Level: 30' (as reported by driller) Casing: 5" PVC	This stock well was located and a water sample secured for analysis.
2. Sec. 24 - SW4/SW4/SW4/NW4/NW4 - Stock Well Owner: Dallas McCasland Drilled: 12/29/88 T.D.: 58' Casing: 4 1/2" PVC	This is not an active well. Only a 4 1/2" PVC pipe inside a 5 1/2" metal riser were found at the surface at this location.
3. Sec. 26 - SE4/SW4 - Domestic Well Owner: Millard Deck Drilled: 6/5/78 T.D.: 130' Water Level: 65' Casing: 6 5/8"	No remaining surface evidence of this well was found.
4. Sec. 34 - SW4/SW4/NE4 - Stock Well Owner: E. C. Hill Drilled: 2/10/81 Water Level: 78.34' (as reported by state) Casing: 4"	This stock well was located and a water sample secured for analysis.
5. Sec. 34 - SW4/SW4/NE4 - Stock Well Owner: E. C. Hill Drilled: 2/18/86 Water Level: 79.12' (as reported by state)	No remaining surface evidence of this well was found.

EXHIBIT 21

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
EXHIBIT NO. 21
CASE NO. 10220
Submitted by Conoco Inc.
Hearing Date 1-24-91

FRESH WATER WELL

Unichem International

707 North Leech P.O.Box 1499

Hobbs, New Mexico 88240

Stock Well

Owner: Dallas McCasland

Company : CONOCO
Date : 12-13-90
Location: Sec 24 NW4/NW4/4 (on 12-12-90)

	Sample 1
Specific Gravity:	1.002
Total Dissolved Solids:	2371
pH:	7.90
IONIC STRENGTH:	0.056

CATIONS:		me/liter	mg/liter
Calcium	(Ca^{+2})	15.0	300
Magnesium	(Mg^{+2})	5.40	65.6
Sodium	(Na^{+1})	16.8	387
Iron (total)	(Fe^{+2})	0.011	0.300
Barium	(Ba^{+2})	0.006	0.400
Manganese	(Mn^{+2})	0.001	0.030
ANIONS:			
Bicarbonate	(HCO_3^{-1})	3.00	183
Carbonate	(CO_3^{-2})	0	0
Hydroxide	(OH^{-1})	0	0
Sulfate	(SO_4^{-2})	17.7	850
Chloride	(Cl^{-1})	16.5	586

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86°F	30°C	0.95	-3.7

EXHIBIT 22

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
EXHIBIT NO. 22
CASE NO. 10220
Submitted by Conoco Inc
Hearing Date 1-24-91

FRESH WATER WELL

Unichem International

707 North Leech   P.O.Box 1499

Hobbs, New Mexico 88240

Stock Well

Owner: E.C. Hill

Company : CONOCO
Date : 12-13-90
Location: Sec 34 SW4/SW4/NE4 - Windmill (on 12-12-90)

	Sample 1
Specific Gravity:	1.001
Total Dissolved Solids:	775
pH:	6.80
IONIC STRENGTH:	0.018

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CATIONS:		me/liter	mg/liter
Calcium	(Ca^{+2})	4.80	96.0
Magnesium	(Mg^{+2})	2.80	34.0
Sodium	(Na^{+1})	4.09	94.0
Iron (total)	(Fe^{+2})	0.347	9.70
Barium	(Ba^{+2})	0.004	0.300
Manganese	(Mn^{+2})	0.001	0.040
ANIONS:			
Bicarbonate	(HCO_3^{-1})	3.20	195
Carbonate	(CO_3^{-2})	0	0
Hydroxide	(OH^{-1})	0	0
Sulfate	(SO_4^{-2})	4.37	210
Chloride	(Cl^{-1})	4.12	146

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86°F	30°C	-0.46	-15

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
EXHIBIT NO. 23
CASE NO. 10220
Submitted by Conoco Inc.
Hearing Date 1-24-91

EXHIBIT 23

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WARREN UNIT BLINEBRY-TUBB OIL & GAS POOL
WARREN UNIT BLINEBRY TUBB WF
WELL #9, #26, #30, #31, #34, #36, #40, #42, #44, #54, #68, #97, #104, #106, #110, AND #123

XIII. PROOF OF NOTICE

OFFSET OPERATORS WITHIN ½ MILE

John H. Hendrix Corporation
P.O. Box 3040
Midland, TX 79702

Chesapeake Operating Inc.
6100 Western Ave.
Oklahoma City, OK 73118

SURFACE LANDOWNERS WITHIN ½ MILE

Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

Robert A. McCasland
P.O. Box 206
Eunice, NM 88231

Legal notice was published in the Hobbs News-Sun. An Affidavit of Publication is attached.

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PS Form 3800, August 2006 See Reverse for Instructions

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Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

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Street,
or PO
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

Affidavit of Publication

State of New Mexico,
County of Lea.

I, JUDY HANNA
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
June 25, 2010
and ending with the issue dated
June 25, 2010

PUBLISHER
Sworn and subscribed to before me
this 30th day of
June, 2010

Notary Public

My commission expires
June 16, 2013
(Seal)

OFFICIAL SEAL
Linda M Jones
NOTARY PUBLIC - STATE OF NEW MEXICO
My Commission Expires: _____

5720' - 6520'

LEGAL **LEGAL** **LEGAL**

LEGAL NOTICE
JUNE 25, 2010

ConocoPhillips Company, P.O. Box 51810, Midland, TX 79710-1810, Contact: Jalyn N. Fiske (432) 688-6813, is seeking administrative approval from the New Mexico Oil Conservation Division to inject produced water into 16 wells in the Warren Unit, in the Warren; *Blinebry-Tubb Oil & Gas Pool.*

All wells are located in Township 20S, Range 38E, Lea County, NM, and all will be injecting into the interval of 5700' - 6500':

Well Name	Location
Warren 9	Section 27, UL "E", 1980' FNL & 660' FWL
Warren 26	Section 27, UL "M", 660' FSL & 660' FWL
Warren 30	Section 27, UL "K", 1980' FSL & 1980' FWL
Warren 31	Section 27, UL "O", 660' FSL & 1980' FEL
Warren 34	Section 34, UL "C", 660' FNL & 1980' FWL
Warren 36	Section 27, UL "D", 660' FNL & 660' FWL
Warren 40	Section 27, UL "G", 1980' FNL & 1980' FEL
Warren 42	Section 27, UL "I", 1980' FSL & 660' FEL
Warren 44	Section 26, UL "M", 660' FSL & 660' FWL
Warren 54	Section 26, UL "E", 1980' FNL & 660' FWL
Warren 68	Section 27, UL "A", 660' FNL & 660' FEL
Warren 97	Section 34, UL "D", 660' FNL & 660' FWL
Warren 104	Section 27, UL "B", 660' FNL & 1980' FEL
Warren 106	Section 34, UL "A", 660' FNL & 660' FEL
Warren 110	Section 27, UL "L", 2060' FSL & 660' FWL
Warren 123	Section 27, UL "C", 660' FNL & 1980' FWL

The maximum injection rate will be 800 BOPD and the maximum injection pressure will be 2000 psi for the above mentioned wells. Interested parties must file objections or request for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, NM 87504 within 15 days of this notice.
#25945

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

49101647 00054556
JALYN FISKE
CONOCOPHILLIPS COMPANY (MIDLAND)
3300 NORTH A STREET
BLDG. 6
MIDLAND, TX 79705