

DATE IN 1/15/08	SUBMITTER W. Jones	ENGINEER W. Jones	LOGGERS 1/16/08	TYPE WFX	PROJECT PKVRD801645215
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☒ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or, *see enclosure*
 [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.

Kevin Mayes
Print or Type Name

Signature

Title

Date

e-mail Address

RECEIVED
2008 JAN 15 PM 1:08

Kevin Mayes @ apachecorp.com

RECEIVED

2008 JAN 15 AM 11 17



TWO WARREN PLACE, SUITE 1500 / 6120 SOUTH YALE / TULSA, OK 74136-4224

(918) 491-4900
FAX: (918) 491-4853
FAX: (918) 491-4854

January 11, 2008

OGR ID=873

Mr. William V. Jones
New Mexico Oil Conservation Division
20 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: WFX Application
North Monument Grayburg San Andres Waterflood Unit
Five wells to convert from Production to Injection
NMGSAU Well #s 513, 1005, 1401, 2001, 2104

Mr. Jones,

You should find attached a complete copy of Apache Corporation's NMOCD form C-108 "Application to Inject" for five (5) wells in the reference waterflood unit. It is necessary to convert these five wells from production to injection in order to better balance injection patterns and pattern voidage.

Notifications are being mailed today. Copies of return receipts and affidavit of publication will be forwarded as they are returned to Apache.

Thank you in advance for your attention to this matter. If you have any questions or comments please contact me at (918) 491-4972 or e-mail at kevin.mayes@apachecorp.com.

513

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Kevin Mayes".
Kevin Mayes
Sr. Engineering Advisor

INJECTION WELL DATA SHEET

OPERATOR: APACHE CORPORATION

WELL NAME & NUMBER: NMGSAU 813 30-025-05653

WELL LOCATION: 660' FSL, 660' FWL M 19 19S 37E

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 12 1/4" Casing Size: 9 5/8"

Cemented with: 800 sx. or _____ ft'

Top of Cement: Surf Method Determined: Calc

Intermediate Casing

Hole Size: 8 3/4" Casing Size: 7"

Cemented with: 400 sx. or _____ ft'

Top of Cement: Surf Method Determined: Calc

Production Casing

Hole Size: 6 1/4" Casing Size: 4 1/2"

Cemented with: 450 sx. or _____ ft'

Top of Cement: Surf Method Determined: Circ

Total Depth: _____

Injection Interval

(Eumont) 3832' feet to 3920'

3422' - 3560' (Perforated or Open Hole; indicate which)

(SQZ)

INJECTION WELL DATA SHEET

Tubing Size: 23/8 Lining Material: Plastic Coated

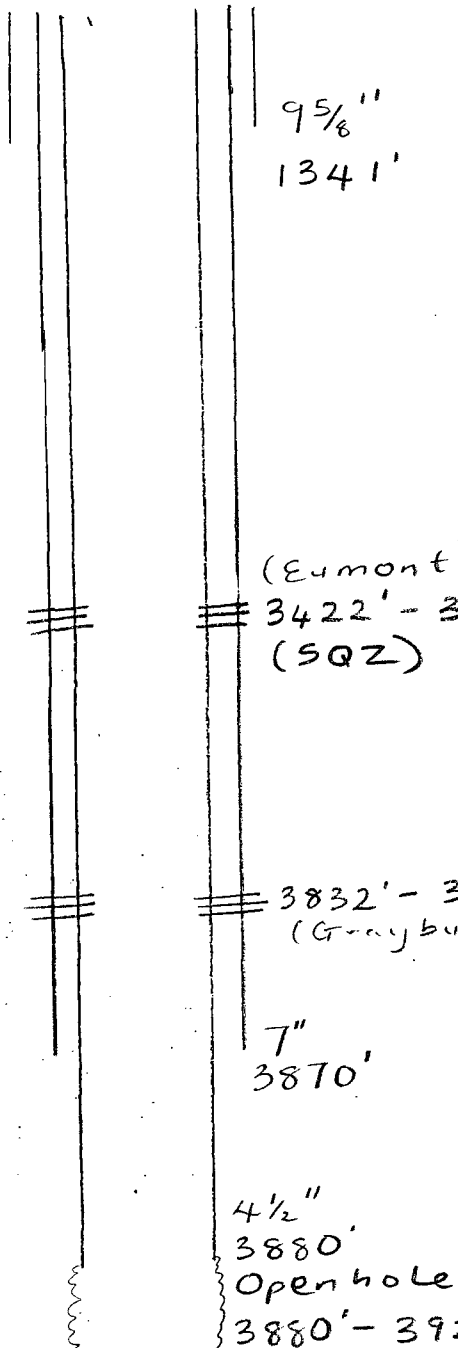
Type of Packer: Double Grip

Packer Setting Depth: 3800

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

Additional Data

- Is this a new well drilled for injection? Yes ☒ No ☐
If no, for what purpose was the well originally drilled? Production
- Name of the Injection Formation: Grayburg
- Name of Field or Pool (if applicable): Eunice Monument Gray-SA
- 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. Yes
Eumont sqz w/ 90 sx
- Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Underlying - San Andres
Overlying - Penrose



INJECTION WELL DATA SHEET

OPERATOR: APACHE CORPORATION
 WELL NAME & NUMBER: NMGSAU 3005 30-025-05747
 WELL LOCATION: 1980' FNL, 660' FNL' E 30 19S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface Casing

Hole Size: 15 Casing Size: 10 3/4"
 Cemented with: 200 sx. or _____ ft'
 Top of Cement: Surf Method Determined: Calc

Intermediate Casing

Hole Size: 9 5/8 Casing Size: 7 5/8"
 Cemented with: 900 sx. or _____ ft'
 Top of Cement: Surf Method Determined: Calc

Production Casing

Hole Size: 6 3/4 Casing Size: 5 1/2"
 Cemented with: 200 sx. or _____ ft'
 Top of Cement: Surf Method Determined: Calc
 Total Depth: 3971'

Injection Interval

3800' feet to 3905

(Perforated or Open Hole indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic Coated
 Type of Packer: Double Grip
 Packer Setting Depth: 3750
 Other Type of Tubing/Casing Seal (if applicable): _____

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

2. Name of the Injection Formation: Grayburg
 3. Name of Field or Pool (if applicable): Eunice Monument Gray-SA
 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No
 5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Open hole 3800'-3850' (Grayburg)
5 1/2"
3850'
Underlying - San Andres
Overlying - Penrose
TOC - 3905'

INJECTION WELL DATA SHEET

OPERATOR: APACHE CORPORATION 05910
 WELL NAME & NUMBER: NMGSAU 2204 30-025
 WELL LOCATION: 660' FNL, 660' FNL D 5 20S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 17 1/2" Casing Size: 12 1/2"
 Cemented with: 150 sx. or _____ ft'
 Top of Cement: surf Method Determined: Circ

Intermediate Casing

Hole Size: 11" Casing Size: 9 5/8"
 Cemented with: 500 sx. or _____ ft'
 Top of Cement: surf Method Determined: Circ

Production Casing

Hole Size: 8 3/4" Casing Size: 7"
 Cemented with: 400 sx. or _____ ft'
 Top of Cement: 835' Method Determined: Calc
 Total Depth: 3897'

Injection Interval

3783' feet to 3897'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic Coated
 Type of Packer: Double Grip
 Packer Setting Depth: 3730'
 Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

- Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled? Production
- Name of the Injection Formation: Grayburg
- Name of Field or Pool (if applicable): Eunice Monument Gray-SA
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No
- Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Underlying - San Andres
Overlying - Penrose

12 1/2"
148'

9 5/8"
1155'

7"
3783'
Open hole
3783'-3897'

INJECTION WELL DATA SHEET

OPERATOR: APACHE CORPORATION
 WELL NAME & NUMBER: NMGSAU 2001 30-025-05927
 WELL LOCATION: 660 FNL, 660 FEL A 6 20 S 37 E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 17 1/2" Casing Size: 12 1/2"
 Cemented with: 200 sx. or _____ ft³
 Top of Cement: Surf Method Determined: Calc

Intermediate Casing

Hole Size: 11" Casing Size: 8 5/8"
 Cemented with: 500 sx. or _____ ft³
 Top of Cement: Surf Method Determined: Calc

Production Casing

Hole Size: 7 7/8" Casing Size: 6 5/8"
 Cemented with: 185 sx. or _____ ft³
 Top of Cement: Surf Method Determined: Calc
 Total Depth: 3888'

Injection Interval

6 5/8" (OLD)
Cut @ 2196' 3787' feet to 3830'
 (Perforated or Open Hole, indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic Coated
 Type of Packer: Dimple Grip
 Packer Setting Depth: 3730
 Other Type of Tubing/Casing Seal (if applicable): _____

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

2. Name of the Injection Formation: Grayburg
 3. Name of Field or Pool (if applicable): Eunice Monument Gray-SA

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. Yes

Will size Eunice perfs during convert to injection workover.
 5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Underlying - San Andres
Overlying - Penrose

CIBP
@ 3725'
TOC @ 3704'
6 5/8"
3787'
Open hole
3787' - 3888'
TOC @ 3830'

INJECTION WELL DATA SHEET

OPERATOR:

APACHE CORPORATION

WELL NAME & NUMBER:

NMGSAU 01

WELL LOCATION:

330' FNL, 330' FEL

FOOTAGE LOCATION

UNIT LETTER

A

SECTION

36

TOWNSHIP

19S

RANGE

36E

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2 Casing Size: 12 1/2"Cemented with: 200 sx. or _____ ft'Top of Cement: Surf Method Determined: Calc

Intermediate Casing

Hole Size: 11 Casing Size: 8 5/8"Cemented with: 500 sx. or _____ ft'Top of Cement: 223 Method Determined: Calc

Production Casing

Hole Size: 7 7/8 Casing Size: 6 5/8"Cemented with: 100 + 250 sx. or _____ ft'Top of Cement: Surf Method Determined: CircTotal Depth: 3940'

Injection Interval

3809' feet to 3940'(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic CoatedType of Packer: Double GripPacker Setting Depth: 3750

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

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

2. Name of the Injection Formation: Grayburg3. Name of Field or Pool (if applicable): Eunice Monument Gray-SA4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

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

Underlying - San AndresOverlying - Penrose6 5/8"3809'Open hole3809' - 3940'

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: APACHE CORPORATION
ADDRESS: 6120 S. Yale Ave., Suite 1500, Tulsa, OK 74136
CONTACT PARTY: Kevin Mayes PHONE: (918) 491-4972
- 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? X Yes No
If yes, give the Division order number authorizing the project: WFX - 716 (R-9596)
- 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: Kevin Mayes TITLE: Sr. Engineering Advisor
SIGNATURE: *Kevin Mayes* DATE: 1/4/08
E-MAIL ADDRESS: kevin.mayes@apachecorp.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

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

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

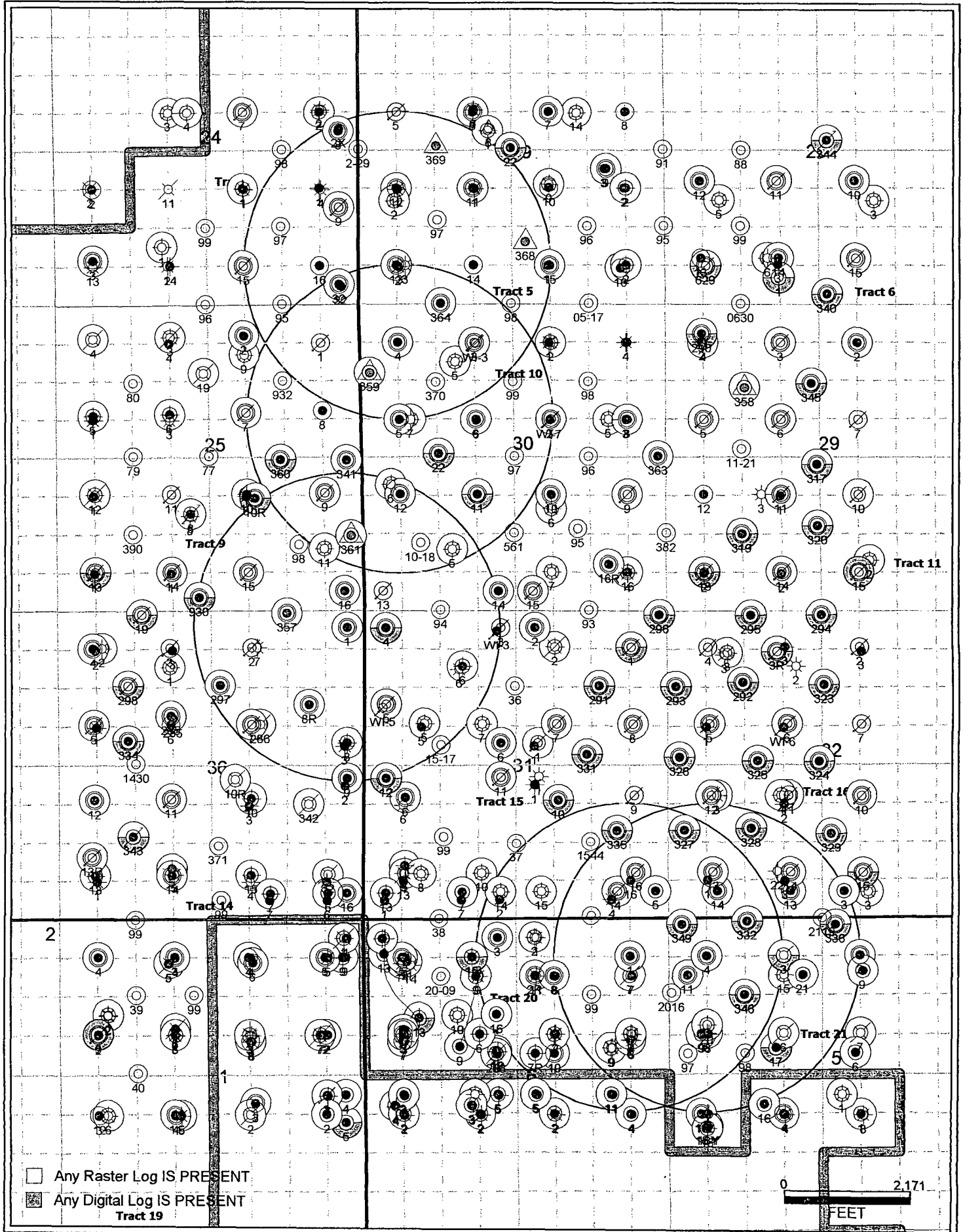
Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

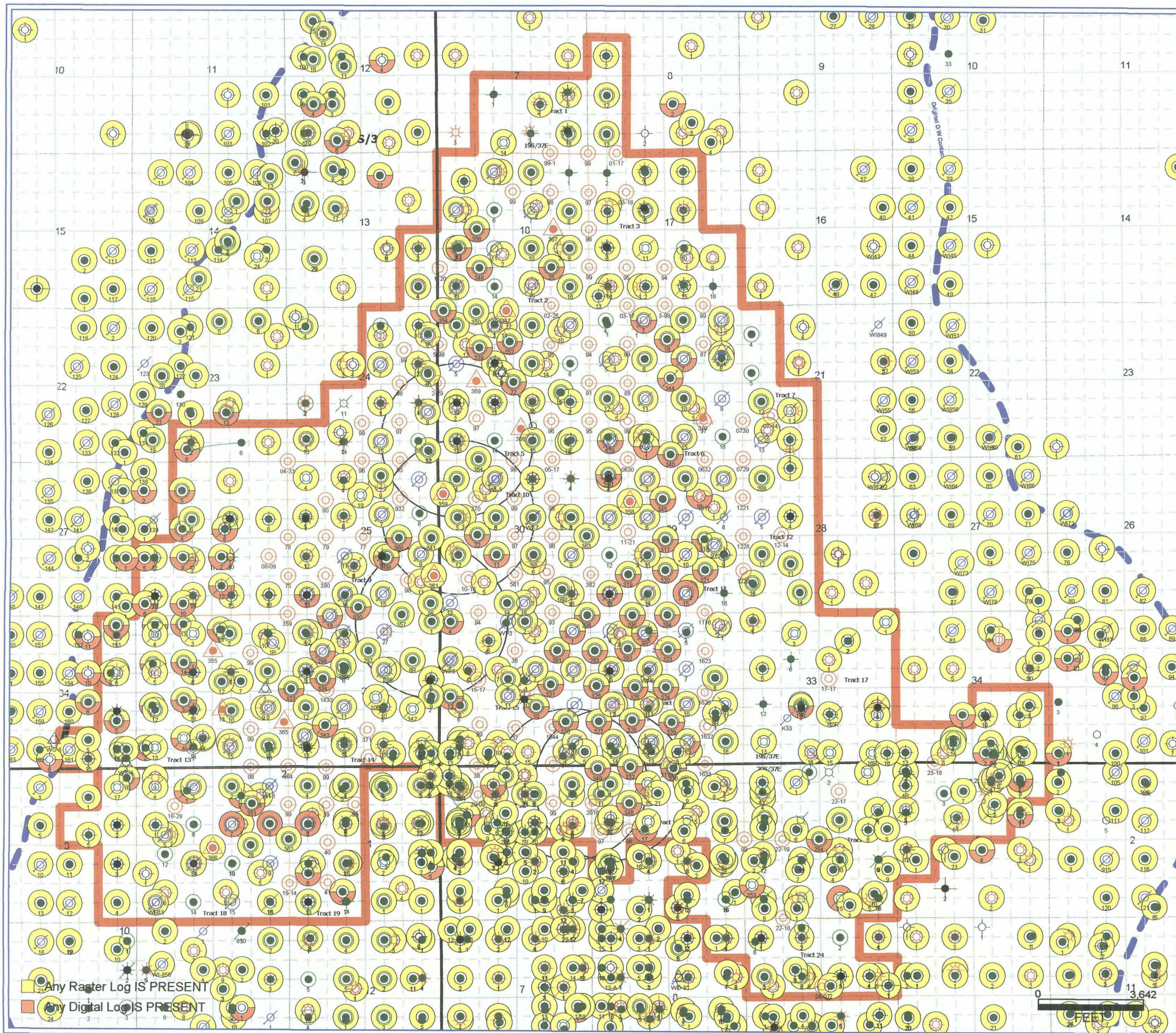
- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates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

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

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

REC-NORTH MONUMENT - NMGS AU INJECTION- OOA





Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-05640

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

B. V. CULP (NCT-A)

1. Type of Well:
OIL WELL ☐ GAS WELL ☐ OTHER Water Supply well

8. Well No.
8

2. Name of Operator
Chevron U.S.A. Inc.

9. Pool name or Wildcat
WSW; SAN ANDRES

3. Address of Operator
P.O. Box 1150, Midland, TX 79702

4. Well Location
Unit Letter F : 2310 Feet From The NORTH Line and 2239 Feet From The WEST Line
Section 19 Township 19S Range 37E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

WASHED AND MILLED 3156'-3206'. CLEANED OUT 3666'-3975'. PPD 500 SX CL "C" ; TAGGED @ 1961'.
PERFD 416' W/4 JHPF. SET CIGR @ 354'; SQZD 60 SX CMT BELOW CIGR. PULLED OUT OF CIGR & PPD
CMT TO SURF. DUG OUT CELLAR, CUT OFF WH, INSTALLED DRY HOLE MARKER, CUT OFF ANCHORS.

P&A'D 10/23/97

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE J. K. Ripley TITLE TECHNICAL ASSISTANT DATE 10/28/97
TYPE OR PRINT NAME J. K. RIPLEY TELEPHONE NO. (915)687-7148

(This space for State Use)

APPROVED BY Charlie Herrin TITLE OIL & GAS INSPECTOR DATE APR 23 1998
CONDITIONS OF APPROVAL, IF ANY:

APACHE CORP.

Plug and Abandoned Well Summary

Lease: Gulp B V NCT-A
Well : 8
Area: Lea
Res: Blinebry

Location : 2310' FNL, 2239' FWL, Sec. 19 T-19S R-37E
BHL: 2310' FNL, 2239' FWL, Sec. 19 T-19S R-37E
Spud Date 6/1/1994
End Date 10/28/1997

API 30025056400000
TD 10931'
Elevation: 3702'
RKB:

Directional	Sands / Markers	Depth TVD	Completion Info	Casing Profile	Inc deg	Hole Size	Casing Details	Mud Wt. & Type	Max. Dogleg Severity
		0'	Cement to Surface		0°	17 1/2"	Surface Casing 13 3/8 " CMT W / 415 SX Circ to Surface		
	CICR	354'	Pumped 60 sx of CMT						
	Casting Shoe	416'							
	Perf								
		1961'	Pumped 500 sx of CMT			12 1/4"	Intermediate Casing 9 5/8 " CMT W / 3275 SX Circ to Surface		
	Casting Shoe	4099'							
	San Andres Perf	4122' - 4850'							
	Blinebry Perf	5908' - 5918'							
	Plug	8650'				8 3/4"	Production Casing 5 1/2 " CMT W / 990 SX Circ to Surface		
	Plug	8770'							
	Casting Shoe	8809'							
	TD	10931'							

Note: Not to Scale

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer Dd, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, Nm 87410

API NO. (assigned by OCD on New Wells)	
30-C25-05945	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. N/A	
7. Lease Name or Unit Agreement Name G. C. MATTHEWS	
8. Well No. 4	
9. Pool name or Wildcat EUNICE MONUMENT	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator CHEVRON U.S.A. INC.	
3. Address of Operator P.O. BOX 1150 MIDLAND, TX 79702 ATTN: NITA RICE	
4. Well Location Unit Letter <u>I</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>660</u> Feet From The <u>EAST</u> Line Section <u>6</u> Township <u>20S</u> Range <u>37E</u> NMPM <u>LEA</u> County	
10. Elevation(Show whether DF, RKB, RT, GR, etc.) 3567' GL	

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CMT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABAN. <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations(Clearly state all pertinent details, and give pertinent dates, including
estimated date of starting any proposed work) SEE RULE 1103.

WORK STARTED 05/04/94
SET CIBP @3276', SPOT 25 SX CMT ON TOP 2973'.
SPOT 25 SX CMT @2394'-2091'.
PERF @350', SQZ 75 SX CMT TO 250'.
SPOT 10 SX CMT #30' TO SURF.
INSTALL DRY HOLE MARKER
CIRC W/10# MUD
P&A'D 5/5/94.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNATURE <u>Wendi Kingston</u>	TITLE <u>TECH. ASSISTANT</u>
DATE: <u>05/11/94</u>	
TYPE OR PRINT NAME <u>WENDI KINGSTON</u>	
TELEPHONE NO. <u>(915)687-7436</u>	
APPROVED BY <u>Charles L...</u>	TITLE <u>...</u>
DATE <u>...</u>	
CONDITIONS OF APPROVAL, IF ANY:	

APACHE CORP.

Plug and Abandoned Well Summary

Lease: G. C. MATTHEWS
Well : 4
Area: Lea
Res: Grayburg

Location : 1980' FSL, 660' FEL, Sec. 6 T-20S R-37E
BHL: 1980' FSL, 660' FEL, Sec. 6 T-20S R-37E
Start Date 7/14/1969
End Date 5/11/2004

API 30025059450002
TD 3897'
Elevation: 3567'
RKB:

Directional	Sands / Markers	Depth TVD	Completion Info	Casing Profile	Inc deg	Hole Size	Casing Details	Mud Wt. & Type	Max. Dogleg Severity
		0'	Spot 10 sx of				Surface Casing		
		30'	CMT to Surface				10 3/4 "		
						13 3/4 "	CMT W / 200 SX		
					0°		Circ to Surface		
		250'							
	Casting Shoe	297'							
	Perf	350'	SQZ 75 sx of Cement						
		2091'				9 7/8 "	Intermediate Casing		
	Casting Shoe	2342'	Spot 25 sx of Cement				7 5/8 "		
		2394'					CMT W / 400 SX		
							Circ to Surface		
	CIBP	2973'	Spot 25 sx of Cement						
		3276'							
	Perf	3412' - 3763'							
	Grayburg Perf	3730' - 3763'	SQZ, 83 sx CMT						
		3783'	Plugback						
	Casting Shoe	3815'					Production Casing		
	Open Hole	3897'				6 3/4 "	5 1/2 "		
							CMT W / 175 SX		
							TOC = 2189'		

Note: Not to Scale

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

Form C-103
Revised 1-1-89

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1880, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 66, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, Nm 87410

API NO. (assigned by OCD on New Wells) 30-025-05952	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. N/A	
7. Lease Name or Unit Agreement Name G. C. MATTHEWS	
8. Well No. 11	
9. Pool name or Wildcat EUNICE MONUMENT	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3558' GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
CHEVRON U.S.A. INC.

3. Address of Operator
P.O. BOX 1150 MIDLAND, TX 79702 ATTN: NITA RICE

4. Well Location
Unit Letter 1 : 2310 Feet From The SOUTH Line and 990 Feet From The EAST Line
Section 6 Township 20S Range 37E NMPM LEA County

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABAN. <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CMT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

WORK STARTED 05/02/94.
SPOT 25 SX @2958'-2806', TAGGED.
PERF @461', SET CICR @397', SQZ 283 SX TO SURF.
SPOT 25 SX @397'-250'.
SPOT 10 SX @30' TO SURF.
INSTALL DRY HOLE MARKER
CIRC W/10# MUD.
P&A'D 05/04/94.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.			
SIGNATURE	<u>Wendi Kingston</u>	TITLE	TECH. ASSISTANT
TYPE OR PRINT NAME		WENDI KINGSTON	
APPROVED BY <u>Charles R...</u>		TITLE	
CONDITIONS OF APPROVAL, IF ANY:		DATE	05/12/94
		TELEPHONE NO.	(915)687-7436

APACHE CORP.

Plug and Abandoned Well Summary

Lease: G. C. MATTHEWS

Well : 11

Area: Lea

Res: Blinebry

Location : 2310' FSL, 990' FEL, Sec. 4 T-21S R-37E

BHL: 2310' FSL, 990' FEL, Sec. 4 T-21S R-37E

Spud Date 1/10/1937

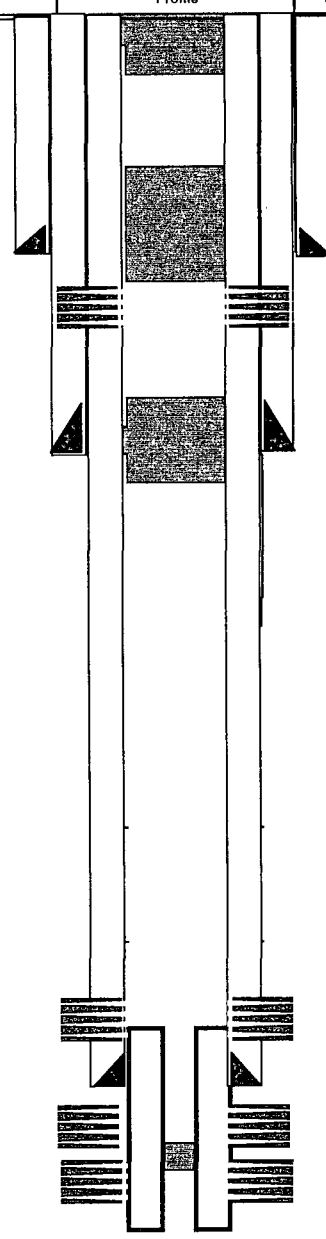
End Date 10/23/1997

API 30025059520001

TD 5250'

Elevation: 3,567'

RKB:

Directional	Sands / Markers	Depth TVD	Completion Info	Casing Profile	Inc deg	Hole Size	Casing Details	Mud Wt. & Type	Max. Dogleg Severity
		0' 30'	Spot 10 sx of CMT to surf		0°		Surface Casing 13 3/8 " CMT W / 500 SX Circ to Surface		
		250'	Spot 25 sx of CMT						
	Casting Shoe	313'							
	CICR	397'	SQZ 283 sx of CMT to Surf						
	Perf	461'							
		2806'	Spot 25 sx of CMT				Intermediate Casing 9 5/8 " CMT W / 1900 SX TOC = 735 '		
	Casting Shoe	2899'							
		2958'							
	Paddock						Production Casing 7 " CMT W / 675 SX TOC = 2238 '		
	Perf	5160' - 5230'	SQZ						
	TOL	5193'							
	Casting Shoe	5234'							
	Blinebry								
	Perf	5564' - 5602'	SQZ w/200 SX						
	CIBP	5640'	w/ 35' CMT						
	Perf	5650' - 5666'	SQZ				5" Liner set w / 30 SX		
	Liner	5728'							

Note: Not to Scale

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Avenue, Artesia, NM
88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

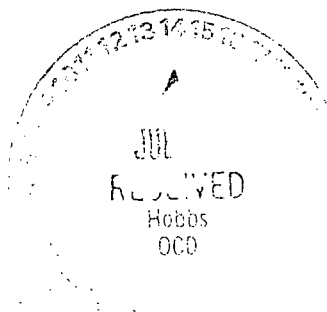
WELL API NO. 30-025-36267
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name: Bertha Barber
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well No. 22
2. Name of Operator Matador Operating Company		9. Pool name or Wildcat Monument; Tubb
3. Address of Operator 8340 Meadow Road #150 Dallas, TX 75231		
4. Well Location Unit Letter <u>N</u> : <u>670</u> feet from the <u>South</u> line and <u>1760</u> feet from the <u>West</u> line Section <u>32</u> Township <u>19S</u> Range <u>37E</u> NMPM Lea County		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) GR: 3559'		

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See attachment



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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sharon Cook TITLE Sr. Regulatory Analyst DATE 7/10/03

Type or print name Sharon Cook

Telephone No. 214 987-7174

(This space for State use)

OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY Gary W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 15 2003
Conditions of approval, if any

BERTHA BARBER #22
P&A

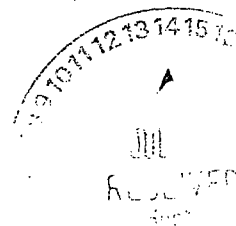
Operations to date:

- Drilled 12-1/4" hole to 1234'
- Ran 8-5/8" 24# J-55 STC casing / set @ 1234'
- Cemented 8-5/8" w/ 380 sx Class "C" Light (12.5 ppg, 2.06 yield) + 200 sx Class "C" + 2% CaCl₂ (14.8 ppg, 1.34 yield). Circulated 200 sx to pit.
- Drilled 7-7/8" hole to TD of 6750'
- Logged well / decision to P&A
- Set cement plugs for abandonment per OCD verbal approval as follows:
 - Plug #1 : Bottom of hole : 35 sx Class "C"
 - Plug #2 : 5150'-5350' : 50 sx Class "C"
 - Plug #3 : 3150'-3350' : 50 sx Class "C"
 - Plug #4 : 2400'-2600' : 50 sx Class "C"
 - Plug #5 : 1130'-1330' : 50 sx Class "C" + 2% CaCl₂ (Waited 4 hrs, tagged @ 1219' inside 8-5/8" casing)
 - Plug #6 : 300'-400' : 30 sx Class "C"
 - Plug #7 : surface plug : 25 sx Class "C" + 2% CaCl₂
- ND BOP / cut off casing head and install well cap and dry hole marker.

While checking well location, noticed fluid bubbling up to surface. Installed gauge - well had 300+ psi pressure / could not bleed off (no prior indication while setting cement plugs or waiting to tag casing shoe plug).

Proposed P&A Operations:

- MIRU pulling unit.
- Cut off dryhole marker / re-install wellhead / BOP
- Clean out cement plugs to casing shoe.
- Circulate hole clean
- Install 8-5/8" CIBP within bottom 25' of casing shoe at 1234'
- Monitor well conditions
- Cap CIBP with minimum 100' cement plug (or as directed by OCD representative)
- Set cement plugs at 300'-400' and surface as per previous plugging orders.
- Cut off / install dryhole marker



Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised May 08, 2003

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

WELL API NO. 30-025-36267
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Bertha Barber
8. Well Number 022
9. OGRID Number 14245
10. Pool name or Wildcat Monument; Tubb

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
Matador Operating Company

3. Address of Operator
8340 Meadow Road #150, Dallas, TX 75231

4. Well Location

Unit Letter N : 670 feet from the South line and 1760 feet from the West line
Section 32 Township 19S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3559 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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

7-16-03 HAD "O" PRESSURE ON WELL. HOOK UP HALLIBURTON, DISPLACE HOLE W/ 10# BRINE CMT W/ 5 Bbl FRESH WATER AHEAD & 35 sx PREMIUM PLUG + 3% C.C. ppg 14.8 - Yld 1.32 SET PLUG FROM 1,317' UP TO 1,186' - BOTTOM OF CSG 1,236' JOB FINISHED @ 9:30 AM WAIT ON CEMENT 4 HOURS. TRIP IN HOLE TO 1,546' (NO PLUG). TRIP OUT OF HOLE. WAITED 4 HOURS - TRIP IN HOLE TO 2,292' - HAD 32 FT. OF CEMENT ON TOP OF LAST PLUG. PULLED UP TO 1,317' - SPOTTED 75 sx PREMIUM PLUS + 3% C.C. - DISPLACE W/ 10# BRINE. PULLED TUBING OUT OF HOLE. CLOSE BLIND RAM. SHUT DOWN FOR NIGHT. HAD "O" PRESSURE ON WELL. TRIP IN HOLE TO 1,052'. TAGGED PLUG. PULLED OUT OF HOLE PRESS UP ON PLUG TO 500 psi. HELD FOR 30 MIN. NO LEAK OFF - RUN IN HOLE TO 400' CMT W/ 35 sx PREMIUM PLUS NEAT - TRIP OUT OF HOLE - NIPPLE DOWN BOP's RAN 3 JTS IN HOLE TO 93' - CEMENTED W/ 3 sx PREMIUM PLUS NEAT - LAYED TUBING DOWN INSTALL CAP ON WELLHEAD - RIG UNIT DOWN. RELEASED RIG.

**As Information - Tom Brown, Inc. (023230) took over operations 7/1/03. Currently WO Op Change from OCD Hobbs

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kelli Werner TITLE Regulatory Reporting Supervisor DATE 9/8/03

Type or print name Kelli Werner Telephone No. (432) 688-9446

(This space for State use)

APPROVED BY Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER

Conditions of approval, if any:

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

Plug and Abandoned Well Summary

Lease: BERTHA BARBER

Well : 22

Area: Lea

Res: Tubb

Location : 670' FSL, 1760' FWL, Sec.15 T-21S R-37E

BHL: 670' FSL, 1760' FWL, Sec.15 T-21S R-37E

Spud Date 6/11/1993

End Date 9/12/2003

API 30025362670000

TD 6800'

Elevation: 3559'

RKB:

Note: Not to Scale

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-05911

Indicate Type of Lease

STATE ☒

FEE ☐

State Oil & Gas Lease No.
033250

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

Name of Operator
Marathon Oil Company

Well No.
6

Address of Operator
P.O. Box 2490 Hobbs, New Mexico 88241

Pool name or Wildcat
Eurnont, Yates, 7 Rivers, Queen

Well Location

Unit Letter L : 1980 Feet From The South Line and 660 Feet From The West Line

Section 5 Township 20-S Range 37-E NMPM Lea County

Elevation (Show whether DF, RKB, RT, GR, etc.)
GL 3559 KB 3570

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ANBANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

03/18/99--Notify OCD of intent to plug

03/19/99--MIRU, TIH w/7" CICR, retainer set @ 1235'

03/22/99--Okayed by OCD to pump cement from 1235' below retainer, pump 500 sx C cement below retainer
w/2 % CaCl in last 150 sx, SION

03/23/99--Plug fm 2884-3349' (calculated), pumped 58 bbls & test @ 1000 PSI, spot 10 sx @ 1235', reverse
out @ 1173', Mix and circulate mud to surface, perf @ 1155', unable to pump into perms, spot 25 sx
(per OCD) @ 1155-1002', perf @ 192', break circulation out braiden head, pump 75 sx cement
to surface out braiden head, leave 7" full, RDMO

03/25/99--Cut off well head, install dry hole marker, clean location

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Terry McBeth

TITLE Supervisor, Key Energy, P&A Division

DATE 03-25-99

TYPE OR PRINT NAME Terry McBeth

TELEPHONE NO. (915) 523-5155

(This space for State Use)

APPROVED BY

BOYCE WILLIAMS
DISTRICT SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

Bertha Barber No. 6
UL 'L', 1980' FSL, 660' FWL
Section 5, T-20-S, R-37-E
Lea County, NM
API # 30-025-05911

Update this
w/ P&A
report

DEC 1936: Drilled to 3890'.
Completed OH from 3817' to TD.
Acidized w/ 2000 gals.

MAY 1939: Acidized OH
w/ 2000 gals.

JUL 1954: Installed rods, pump
and pumping unit.

JAN 1965: Acidized OH
w/ 250 gals.

DEC 1975: Shut well in.

NOV 1983: Set CIBP at 3816'.
Selectively perforated from
3730' - 3808' w/ 2 JSPF (34 holes).
Acidized w/ 1600 gals 15% HCl.
Tested 100% water.

Set cmt retainer at 3715'.
Cmt sqz'd w/ 150 sks.
Selectively perforated from
3606' - 3674' w/ 2 JSPF (12 holes).
Acidized w/ 1500 gals 15% HCl.
Tested 99% water.

Set CIBP at 3598'.
Selectively perforated from
3504' - 3574' w/ 1 JSPF (12 holes).
Acidized w/ 1200 gals 15% HCl.
Tested 100% water.
Shut well in.

DEC 1988: Set CIBP at 3460' and
dump 2 sk of cmt on top of plug.
Selectively perforated from
3133' - 3349' w/ 1 JSPF (53 holes).
Acidized w/ 6000 gals 15% HCl.
Tested 168 MCF/D & 46 BWPD.
Set CIBP at 3228'.
Did not regain gas production.

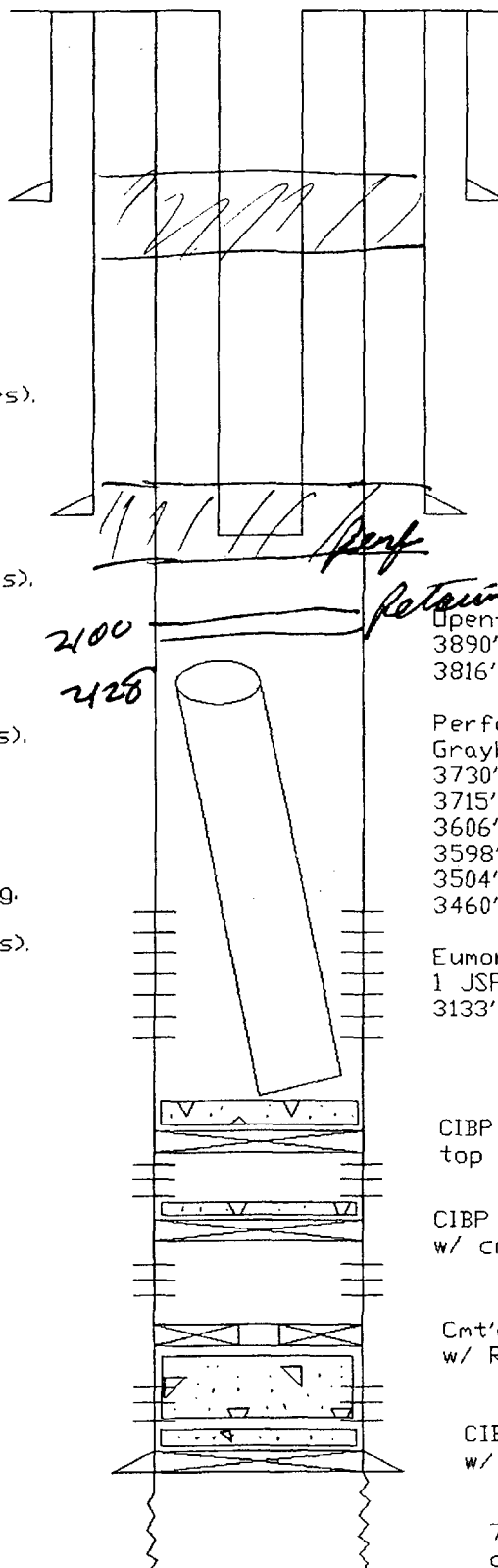
DEC 1992: Drill out CIBP at 3228'.
Swab tested.
Acidized w/ 1000 gals 15% HCl.
Swab tested. Shut well in.

FEB 1993: Swab Test well.
Ran pump & rods.

OCT 1993: Shut well in.

APR 1998: Tubing parted
while PDDH, LD 16 jts.
Fished for 5 days
recovered 29 jts.
Left 57 jts in hole with
top of fish at 2128'.

CURRENT WELLBORE DIAGRAM



KB: 3570'
GL: 3559'

10 sack

surface 50 in/ft

13', 40#/ft,
casing set at 141'.
Cemented w/ 125 sks,
circulated to surface.

9-5/8', 36#/ft,
casing set at 1105'.
Cemented w/ 500 sks,
circulated to surface.

9 5/8 shoe 50 in/500

Retainer 300 sks

Open-Hole:
3890' - 3817' Below CIBP
3816' CIBP w/ cmt

Perforations:
Grayburg / San Andres
3730' - 3808' Cmt'd below Retaine
3715' Cmt Retainer
3606' - 3674' Below CIBP
3598' CIBP w/ cmt
3504' - 3574' Below CIBP
3460' CIBP w/ cmt

Eumont
1 JSPF (51 holes)
3133' - 3349'

CIBP @ 3460' and
top of cmt @ 3429'

CIBP @ 3598'
w/ cmt on top

Cmt'd w/ 150 sks
w/ Retainer at 3715'

CIBP @ 3816'
w/ cmt on top

7', 24 #/ft,
casing set at 3817'.
Cemented w/ 400 sks.
Estimated TOC from
GR-CBL-CLL at 2200'.

PBTD: 3429' CIBP w/ cmt
TD: 3890'

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1391 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

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

WELL API NO.
30-025-35945

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Bertha Barber

8. Well No.

20

9. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Matador Operating Company

3. Address of Operator

310 W. Wall, Suite 906, Midland, Texas 79701

4. Well Location

Unit Letter **E** **1840** feet from the **North** line and **660** feet from the **West** line

Section **5** Township **20-S** Range **35-E** NMPM **Lea** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3558 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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

12/30/02 Notified OCD, Sylvia Dickey. MIRU Triple N rig #25. Opened well, flowed 1 hrs, would not flow down. RU cementer and pumpers 50 bbls brine down casing to kill well. ND wellhead, NU BOP. RIH w/ 4½" HM tbg-set CIBP on 180 jts 2-3/8" workstring, SDFN.

12/31/02 Notified OCD, Buddy Hill. Set CIBP @ 5,673'. Pumped 45 sx C cmt 5,673 – 4,989'. WOC 3½ hrs. Tagged cmt @ 5,072'. Pumped 25 sx C cmt 3,245 – 2,865'. Pumped 25 sx C cmt 2,300 – 1,020'. POOH, ND BOP. RIH w/ tubing to 1,264'. Loaded hole and circulated 80 sx C cmt 1,264' to surface. POOH w/ tbg and topped off wellbore w/ 10 sx C cmt.

Cut off wellhead and installed dryhole marker. Cut off anchors. leveled pit and cellar.

Approved as to plugging of the Well Bore
Liability under bond is retained until
surface restoration is completed

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Engineer

DATE **1/7/03**

Type or print name

James F. Newman, P.E.

Telephone No. **915-687-1994**

(This space for State use)

APPROVED BY

Conditions of approval, if any:

GARY W. WINK

DATE

JAN 22 2003

APACHE CORP.

Plug and Abandoned Well Summary

Lease: BERTHA BARBER

Well : 20

Area: Lea

Res: Tubb

Location : 1840' FNL, 660' FWL, Sec. 5 T-20S R-37E

BHL: 1840' FNL, 660' FWL, Sec. 5 T-20S R-37E

Spud Date 7/30/2002

End Date 1/7/2003

API 30025359450000

TD 6714'

Elevation: 3568'

RKB:

Directional	Sands / Markers	Depth TVD	Completion Info	Casing Profile	Inc deg	Hole Size	Casing Details	Mud Wt. & Type	Max. Dogleg Severity
	Plug	0'	Topped off wellbore with 10 sx CMT		0°		Surface Casing 8 5/8" CMT W/ 560 SX Circ to Surface		
	Casting Shoe	1212'							
	Plug	1264'	Circ 80 sx of CMT to surface						
	Plug	2300'	Pumped 25 sx of CMT						
		2865'	Pumped 25 sx of CMT						
		3245'							
		5072'	Pumped 45 sx of CMT						
	CIBP	5673'							
	Tubb								
	Perf	6106' - 6108'	SQZ						
	Casting Shoe	6714'					Production Casing 4 1/2" CMT W/ 1000 SX TOC = 616'		

Note: Not to Scale

ITEM VII OF NEW MEXICO OCD FROM C-108
DATA ON PROPOSED OPERATIONS
NMGSAU #2104, 2001, 513, 1005, & 1401

- 1) Proposed average initial injection rate is 600 bwpd.
Maximum injection rate should not exceed 1,500 bwpd.
- 2) The injection system will be operated as a closed system.
- 3) Proposed average initial injection pressure is 750 psi (0.2 psi/ft). Proposed maximum pressure will not exceed the pressure limitations ordered by the Division.
- 4) Source water will come from the San Andres Formation via the NMGSAU injection system.
- 5) Not Applicable.

ITEM VIII OF NEW MEXICO OCD FORM C-108
GEOLOGIC DATA ON THE INJECTION ZONE & UNDERGROUND DRINKING
WATER
NMGSAU #2104, 2001, 513, 1005, & 1401

The formation being targeted for water injection is the Grayburg at depths ranging from approximately 3,762' to 3,988'. The formation is Guadalupian in age and is a sequence of shallow marine carbonates, which have for the most part been dolomatized. A six percent porosity cut off is used to determine "pay" as porosity less than this considered non-productive at the existing and proposed reservoir pressures and reservoir flow regimes. Net pay isopach maps show the areal extent of the targeted reservoir. The vertical extent of the reservoir is limited top and bottom by impermeable shales and carbonates. All injected fluids should remain in the reservoir with the exception of cycling to the surface through the wellbores in the same formation.

Based on communications with the New Mexico States Engineer's Roswell office and a review of online files there are 76 fresh water wells (see attached list) in the area of review. The deepest of these wells is 130', which is the assumed base of fresh water. All wellbores involved with the proposed injection program are constructed to not allow injection water into this fresh water source.

ITEMS IX THROUGH XII OF NEW MEXICO OCD FORM C-108
NMGSAU #2104, 2001, 513, 1005, & 1401

IX The subject wellbores have perforation and/or openhole completions and have been acidized numerous times since 1936. The injection intervals for these wells will be cleaned out and acidized again during conversion.

X All logging and test data for the existing wellbores already exists on file with the State of New Mexico Oil Conservation Division and will not be resubmitted with this application.

XI It appears the only strata within one mile of our proposed unit which contains water of possible drinking quality is confined to 136' and shallower. No contamination of this drinking water should occur as all existing wellbores which penetrate the Grayburg are constructed as to not allow injection water to escape the system. As a result, no chemical analysis is submitted with this application.

XII After reviewing the geology in a one and one-half mile radius around the proposed injectors there appears to be no evidence of fractures or any hydrologic connection between the zone of injection and any overlying or underlying strata.

POD / SURFACE DATA REPORT 12/05/2007

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

(in feet)		(acre ft per annum)		(quarters are biggest to smallest: X Y are in Feet UTM are in Meters)										Start	Finish	Depth	Dept				
DB File Nbr	Use	Diversion	Owner	POD Number	Source	TwS	Rug	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Date	Date	Well	Water
L 01262	PRO	0	GULF OIL CORPORATION	L 01262		19S	36E	25	1	2		13			13	659039	3612392				
L 01270	MUL	0	GULF OIL CORPORATION	L 01270		19S	36E	36	4	2		13			13	659483	3609574				
L 01279	PRO	0	GULF OIL CORPORATION	L 01279		19S	36E	24	2	1	4	13			13	659013	3613804				
L 02131	COM	30	THE TEXAS COMPANY	L 02131 DCL	Shallow	19S	36E	24	4	2		13			13	659329	3613106				
L 02131				L 02131 S	Shallow	19S	36E	24	4	4		13			13	659335	3612704				
L 02131				L 02131 S 2	Shallow	19S	36E	24	4	4		13			13	659335	3612704				
L 02612	IND	0	VERSADO GAS PROCESSORS, LLC	L 02612	Shallow	19S	36E	24	3	2		13			13	658624	3613192				
L 02613	IND	0	VERSADO GAS PROCESSORS, LLC	L 02613	Shallow	19S	36E	24	3	2		13			13	658624	3612992				
L 02614	IND	0	VERSADO GAS PROCESSORS, LLC	L 02614	Shallow	19S	36E	24	3	2		13			13	658624	3613192				
L 04716	DOM	3	CLIMAX CHEMICAL COMPANY	L 04716	Shallow	19S	36E	36	3	3		13			13	658376	3609656				
L 04716	EXP	3	CLIMAX CHEMICAL COMPANY	L 04716 APPRO EXP	Shallow	19S	36E	36	3	3		13			13	658376	3609656				
L 11029	POL	3	CHEVRON USA INC	L 11029 EXPL	Shallow	19S	36E	24	4	2		13			13	659329	3613106	12/18/1961	12/28/1961	130	70
L 11030	POL	3	CHEVRON USA INC	L 11029	Shallow	19S	36E	24	4	2		13			13	659329	3613106	10/14/1999	10/14/1999	75	59
L 11031	POL	3	CHEVRON USA INC	L 11029	Shallow	19S	36E	24	4	2		13			13	659329	3613106	10/14/1999	10/14/1999	75	59
L 11031	POL	3	CHEVRON USA INC	L 11029	Shallow	19S	36E	24	4	2		13			13	659329	3613106	10/14/1999	10/14/1999	75	59

Record Count: 15

POD / SURFACE DATA REPORT 12/05/2007

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

(in feet)		(acre ft per annum)		(quarters are biggest to smallest)										X Y are in Feet		Y		UTM Zone		Easting		Northing		Start	Finish	Depth	Well	Water
DB File	Nbr	Use	Diversion	Owner	POD Number	Source	Tws	Reg	Sec	Q	q	q	q	Zone	X	Y	UTM Zone	Easting	Northing	Date	Date	Depth	Well	Water				
L 01248	PRO	0	GULF OIL CORPORATION	L 01248			19S	37E	19	1	3	1		13			13	659623	3613615									
L 01271	DOM	3	OSCAR E. GROVE	L 01271 EXP		Shallow	19S	37E	31	2	2	4		13			13	661059	3610606									
L 03380	DOM	3	MONUMENT METHODIST CHURCH	L 03380		Shallow	19S	37E	32	2	1	2		13			13	662265	3610822	12/07/1956	12/07/1956	40		35				
L 03815	DOM	3	W.C. BYRD	L 03815 APPRO		Shallow	19S	37E	32	2	1	2		13			13	662265	3610822	12/07/1956	12/07/1956	40		35				
L 03815	DOM	3	W.C. BYRD	L 03815			19S	37E	31	1	1	1		13			13	659667	3610791									
L 03815	DOM	3	W.C. BYRD	L 03815 APPRO			19S	37E	31	1	1	1		13			13	659667	3610791									
L 03938	DOM	3	ROBERT L. PATE	L 03938		Shallow	19S	37E	32	4				13			13	662386	3609719	09/04/1958	09/05/1958	40		25				
L 03938	DOM	3	ROBERT L. PATE	L 03938 APPRO		Shallow	19S	37E	32	4				13			13	662386	3609719	09/04/1958	09/05/1958	40		25				
L 04153	DOM	3	A. G. WATSON	L 04153			19S	37E	32	2				13			13	662373	3610522									
L 04153	DOM	3	A. G. WATSON	L 04153 APPRO EXP			19S	37E	32	2				13			13	662373	3610522									
L 04313	PRO	3	MCVAY AND STAFFORD DRILLING CO	L 04313		Shallow	19S	37E	19	1	1	1		13			13	659718	3613919	10/23/1959	10/23/1959	116		52				
L 04313	PRO	3	MCVAY AND STAFFORD DRILLING CO	L 04313 APPRO		Shallow	19S	37E	19	1	1	1		13			13	659718	3613919	10/23/1959	10/23/1959	116		52				
L 04804	DOM	3	W.C. BYRD	L 04804			19S	37E	31	1	1	1		13			13	659667	3610791									
L 04804	DOM	3	W.C. BYRD	L 04804 APPRO EXP			19S	37E	31	1	1	1		13			13	659667	3610791									
L 04823	DOM	3	JIMMIE T. COOPER	L 04823		Shallow	19S	37E	32	2				13			13	662413	3610513									
L 05049	STK	3	DELL J. BARBER	L 05049			19S	37E	32	3				13			13	661581	3609707	04/21/1963	04/23/1963	50		27				
L 05296	DOM	0	C.R. JORDAN	L 05296 EXP			19S	37E	31	2	4			13			13	660966	3610304									
L 05579	DOM	3	C.R. JORDAN	L 05579			19S	37E	31	2	4			13			13	660966	3610304	05/19/1965	08/20/1965	35		27				
L 06492	DOM	3	VERNON CLARK	L 06492			19S	37E	32	1	1			13			13	661362	3610712	04/03/1969	04/04/1969	50		27				
L 06497	DOM	0	C. R. JORDAN	L 06497 EXP			19S	37E	31	2	4			13			13	660966	3610304									
L 06748 (E)	PRO	0	NORAN OIL PROD. & DRILLING COR	L 06748 (E)		Shallow	19S	37E	31	3	4			13			13	659886	3609381	12/18/1970	12/19/1970	80		44				
L 10031	STK	3	JIMMY B. COOPER	L 10031		Shallow	19S	37E	31	2	4			13			13	660966	3610304	10/17/1988	10/19/1988	20		20				
L 10277	STK	3	INC. SNYDER RANCHES	L 10277		Shallow	19S	37E	19	4	2	2		13			13	661020	3613219	07/08/1992	07/10/1992	70		40				

Record Count: 23

(in feet)										(quarters are 1-NW 2-NE 3-SW 4-SE) (quarters are biggest to smallest)									
DB File Nbr	Use	Division	Owner	Source	TwS	Rqg	Sec	Q	Q	X	Y	UTM Zone	Eastings	Northings	Start Date	Finish Date	Depth	Well	Water
L 01145	PRO	3	GULF OIL CORPORATION	Shallow	20S	37E	06	4	1	4		13	660695	3608182	05/01/1937	05/01/1937	75	35	
L 01450	PRO	3	OHIO OIL CO.		20S	37E	05	1	3			13	661393	3608698					
L 01450 (1)	PRO	0	THE OHIO OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (10)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (11)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (12)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (13)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (14)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (2)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (3)	PRO	0	THE MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (4)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (5)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (6)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (7)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (8)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01450 (9)	PRO	0	MARATHON OIL COMPANY		20S	37E	05	1	3			13	661393	3608698					
L 01487	PRO	3	GULF OIL CORPORATION		20S	37E	06	4	1	4		13	660695	3608182	09/15/1952	09/16/1952	70	46	
L 01572	PRO	3	EXPLORATION DRILLING COMPANY		20S	37E	05	3	1			13	661249	3607676	03/20/1953	03/20/1953	70	46	
L 02102	PRO	3	E. F. INC., MORAN		20S	37E	05	3	4			13	661809	3607897	03/20/1953	03/20/1953	70	46	
L 02278	DOM	3	LAUGHLIN ESTATE	Shallow	20S	37E	05	4	3			13	662056	3607687	02/01/1961	02/01/1961	65	37	
L 02488	PRO	3	THE TEXAS CO.	Shallow	20S	37E	05	4	3			13	662212	3607902	07/01/1953				
L 02497	PRO	3	AMERADA PETROLEUM CORPORATION	Shallow	20S	37E	05	2	3			13	662199	3608709	02/03/1954	02/03/1954	63	32	
L 02501	PRO	3	AMARADA PETROLEUM CO.	Shallow	20S	37E	05	3	3			13	661305	3607791	02/03/1954	02/03/1954	63	32	
L 02553	PRO	3	GULF OIL CORPORATION	Shallow	20S	37E	05	3	3			13	661305	3607791	03/08/1954	03/10/1954	125	35	
L 02801	PRO	3	AMERADA PETROLEUM CORPORATION	Shallow	20S	37E	06	4	3			13	661305	3607791	03/10/1954				
L 03810	PRO	3	THE TEXAS COMPANY	Shallow	20S	37E	06	2	3			13	660488	3608586	03/22/1955	03/22/1955	86	37	
L 03810 (1)	PRO	0	TEXACO INC.	Shallow	20S	37E	06	1	4			13	660029	3608465	03/09/1958	03/09/1958	86	37	
L 04619	PRO	3	GULF OIL CORP.	Shallow	20S	37E	06	1	4			13	660187	3608681	03/09/1958	03/09/1958	86	36	
L 09779	DOM	3	DOLORES NASH DAVIS	Shallow	20S	37E	06	4	2			13	660897	3608188	03/29/1961	03/29/1961	86	36	
					20S	37E	05	2	2			13	662693	3609216	01/15/1985	01/15/1985	50	40	

Jones, William V., EMNRD

From: Mayes, Kevin [Kevin.Mayes@usa.apachecorp.com]
Sent: Wednesday, February 06, 2008 1:04 PM
To: Jones, William V., EMNRD
Cc: kim.romero@state.nm.us
Subject: WFX Application: North Monument Grayburg San Andres Unit - Well #s 513, 1005, 1401, 2001, 2104
Attachments: Kevin - NM Inj. Permit.pdf

Kim and/or Will,
Attached are all the necessary notifications and proof of publication for the subject application. Please call with any questions and again thanks in advance for your attention to this matter.

Kevin Mayes
Apache Corporation
918-491-4972

P.S. Will this attachment be sufficient or do I need to put "hard copies" of everything in the mail to you?

This inbound email has been scanned by the MessageLabs Email Security System.

2/11/2008

Affidavit of Publication

STATE OF NEW MEXICO)

) ss.

COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

was published in a regular and entire issue of **THE LOVINGTON LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of January 10, 2008 and ending with the issue of January 10, 2008.

And that the cost of publishing said notice is the sum of \$ 33.44 which sum has been (Paid) as Court Costs.

Joyce Clemens

Subscribed and sworn to before me this 17th day of January 2008

Debbie Schilling

Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2010

LEGAL NOTICE NOTICE OF APPLICATION FOR FLUID INJECTION WELL PERMIT

APACHE
CORPORATION
6120 S. Yale Ave.
Suite 1500
Tulsa, OK 74136
ATTN: Kevin Mayes
(918) 491-4900

has applied to the State of New Mexico, Oil Conservation Division, Santa Fe, New Mexico, for a permit to inject fluid into a formation that is productive of oil or gas. The application proposes to inject fluid in the Grayburg formation in the North Monument GSA Waterflood Unit. The proposed injection wells are located in Sections 19 & 30 of Township 19 South, Range 37 East, Section 36 of Township 19 South, Range 36 East, and Sections 5 & 6 of Township 20 South, Range 37 East. Fluid will be injected into strata correlative to subsurface depth interval from 3,783 feet to 3,940 feet with an expected maximum injection rate of 1,000 barrels of water per day per well and a maximum surface injection pressure of 700 psi.

Interested parties must file objections or requests for hearing with the State of New Mexico, Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3466, within 15 days of publication.

Published in the Lovington Leader January 10, 2008.

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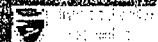
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PS Form 3800, August 2006 See Reverse for Instructions

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1. Article Addressed to:

XTO Energy Inc
810 Houston St.
Fort Worth, TX 76102-6298
ATTN: Land Department

2. Article Number

(Transfer from service label)

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PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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☐ Agent☐ Addressee

B. Received by (Printed Name)

JAN 17 2006

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

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1. Article Addressed to:

Huff Jack, Oil & Gas Producers
4000 N. Big Spring St., Suite 101
Midland, TX 79710-0190

ATTN: Mr. Chris Huff

2. Article Number

(Transfer from service label)

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PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

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☐ Agent☐ Addressee

B. Received by (Printed Name)

Jack Huff

C. Date of Delivery

1-17-08

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

ConocoPhillips Co.
600 N. Dairy Ashford
Houston, TX 77252-2197

ATTN: Mr. Tom Scarbrough

2. Article Number

(Transfer from service label)

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PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

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☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

JAN 26 2006

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Oxy USA WTP Limited
5 Greenway Plaza, Suite 110
Houston, TX 77046

ATTN: Mr. Mark E. Hodge

2. Article Number
(Transfer from service label)

7007 2680 0001 1843 7978

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

M. Serna

C. Date of Delivery

1/14/08

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

3. Service Type

☒ Certified Mail

☐ Express Mail

☒ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Marathon Oil Co.
P.O. Box 4814
Houston, TX 77210-4814

ATTN: Permian Basin Unit

2. Article Number
(Transfer from service label)

7007 2680 0001 1843 7947

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

OFF

C. Date of Delivery

JAN 14 2008

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

3. Service Type

☒ Certified Mail

☐ Express Mail

☒ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Chevron U.S.A., Inc
11111 South Wilcrest
Houston, TX 77099

ATTN: Mr. Todd Kratz

2. Article Number
(Transfer from service label)

7007 2680 0001 1843 7930

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☒ Addressee

B. Received by (Printed Name)

D.T. Kratz

C. Date of Delivery

1-14-08

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

3. Service Type

☒ Certified Mail

☐ Express Mail

☒ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

New Mexico Oil Conservation Div.
20 South St. Francis Drive
Santa Fe, NM 87505

ATTN: Mr. William V. Jones

2. Article Number
(Transfer from service label)

7007 2680 0001 1843 7992

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Alan Reed ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee) ☐ Yes**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

Jimmy T. Cooper
Star Route A, Box 55
Monument, NM 88265

2. Article Number
(Transfer from service label)

7007 2680 0001 1843 7909

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Jimmy T. Cooper ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee) ☐ Yes**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

Cimarex Energy Co.
508 W. Wall Street, Suite 600
Midland, TX 79701

ATTN: Mr. Don McClung

2. Article Number
(Transfer from service label)

7007 2680 0001 1843 7916

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Stefani McQuerry ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

*Stefani McQuerry**1-15-08*

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee) ☐ Yes

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, February 13, 2008 7:20 PM
To: 'Mayes, Kevin'
Cc: Ezeanyim, Richard, EMNRD; Macquesten, Gail, EMNRD; Williams, Chris, EMNRD; Phillips, Dorothy, EMNRD; Brooks, David K., EMNRD
Subject: WFX Application: North Monument Grayburg San Andres Unit - Wells 513, 1005, 1401, 2001, 2104

Hello Kevin:

I have this ready to release - but a quick check (see link below) shows that Apache needs to send some additional bonds to Dorothy Phillips in Santa Fe. Rule 40 is catching lots of operators since the first of this year.

Let me know when the bonding is OK and I will release?

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellFinancialAssuranceReport.aspx?Operator=873>

Thank You

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

From: Mayes, Kevin [mailto:Kevin.Mayes@usa.apachecorp.com]
Sent: Wednesday, February 06, 2008 1:04 PM
To: Jones, William V., EMNRD
Cc: kim.romero@state.nm.us
Subject: WFX Application: North Monument Grayburg San Andres Unit - Well #s 513, 1005, 1401, 2001, 2104

Kim and/or Will,

Attached are all the necessary notifications and proof of publication for the subject application. Please call with any questions and again thanks in advance for your attention to this matter.

Kevin Mayes
Apache Corporation
918-491-4972

P.S. Will this attachment be sufficient or do I need to put "hard copies" of everything in the mail to you?

This inbound email has been scanned by the MessageLabs Email Security System.

2/13/2008

Jones, William V., EMNRD

From: Mayes, Kevin [Kevin.Mayes@usa.apachecorp.com]

Sent: Monday, February 18, 2008 8:49 AM

To: Jones, William V., EMNRD

Subject: FW: WFX Application: North Monument Grayburg San Andres Unit - Wells 513, 1005, 1401, 2001, 2104

Will,

The bonding issue that was holding up the subject application appears to be resolved. Please advise if there are any other obstacles to the application and as always call with any questions or comments.

Kevin

-----Original Message-----

From: Mackay, Sophie

Sent: Monday, February 18, 2008 8:15 AM

To: Moreno, Mario; Hanson, Michelle; Young, Mike; Sullivan, Tim; Crist, Rick; Mills, Clinton; Percy, Bret; Mayes, Kevin

Cc: Crist, Rick; Mills, Clinton

Subject: RE: WFX Application: North Monument Grayburg San Andres Unit - Wells 513, 1005, 1401, 2001, 2104

We are now in compliance with Rule 40. The next bond showing due is not until 10/01/08. However, I will check this monthly to see if any more wells show up.

Sophie Mackay

Engineering Tech II

Apache Corporation

(918) 491-4864 Phone

(918) 491-4846 Fax

sophie.mackay@apachecorp.com

-----Original Message-----

From: Mackay, Sophie

Sent: Thursday, February 14, 2008 8:29 AM

To: Moreno, Mario; Hanson, Michelle; Young, Mike; Sullivan, Tim; Crist, Rick; Mills, Clinton; Percy, Bret; Mayes, Kevin

Subject: RE: WFX Application: North Monument Grayburg San Andres Unit - Wells 513, 1005, 1401, 2001, 2104

These bonds were mailed from Houston on Monday, along with several additional bonds that will be coming up over the next couple of months.

Sophie Mackay

Engineering Tech II

Apache Corporation

(918) 491-4864 Phone

(918) 491-4846 Fax

sophie.mackay@apachecorp.com

-----Original Message-----

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]

Sent: Wednesday, February 13, 2008 8:20 PM

To: Mayes, Kevin

Cc: Ezeanyim, Richard, EMNRD; Macquesten, Gail, EMNRD; Williams, Chris, EMNRD; Phillips, Dorothy, EMNRD; Brooks, David K., EMNRD

Subject: WFX Application: North Monument Grayburg San Andres Unit - Wells 513, 1005, 1401, 2001, 2104

Hello Kevin:

I have this ready to release - but a quick check (see link below) shows that Apache needs to send some additional bonds to Dorothy Phillips in Santa Fe. Rule 40 is catching lots of operators since the first of this year.

Let me know when the bonding is OK and I will release?

2/18/2008

2/18/08
Still Too many wells
Still Too many @ 2/27/08

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellFinancialAssuranceReport.aspx?Operator=873>

Thank You

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

From: Mayes, Kevin [mailto:Kevin.Mayes@usa.apachecorp.com]
Sent: Wednesday, February 06, 2008 1:04 PM
To: Jones, William V., EMNRD
Cc: kim.romero@state.nm.us
Subject: WFX Application: North Monument Grayburg San Andres Unit - Well #s 513, 1005, 1401, 2001, 2104

Kim and/or Will,
Attached are all the necessary notifications and proof of publication for the subject application. Please call with any questions and again thanks in advance for your attention to this matter.

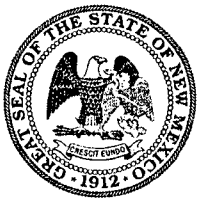
Kevin Mayes
Apache Corporation
918-491-4972

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

March 4, 2008

Apache Corp.
6120 S. Yale
Suite 1500
Tulsa, OK 74136

Re: Apache Corp., OGRID 873
30-025-21225 Hawk A 005
30-025-05675 N. Monument G/SA #011K

Dear Operator:

Rule 19.15.1.40.F.2 NMAC provides that the listing of a well on the Oil Conservation Division's (OCD's) inactive well list as a well inactive for more than one year plus 90 days creates a rebuttable presumption that the well is out of compliance with 19.15.4.201 NMAC (the inactive well rule).

An operator may rebut that presumption by providing evidence that the well is in compliance with 19.15.4.201 NMAC.

The two wells identified above currently appear on the OCD's inactive well list as wells inactive for more than one year plus 90 days. However, Apache Corporation (Apache) has provided sundry notices showing that the two wells have been recompleted and are now producible/ no longer inactive.

Apache has rebutted the presumption created by Rule 19.15.1.40.F.2 as to the two wells identified above.

Although these two wells still appear on the inactive well list, the OCD should not consider them as out of compliance with 19.15.4.201 NMAC or include them in calculating Apache's compliance with Rule 19.15.1.40.

Sincerely,

Daniel Sanchez, Compliance and Enforcement Manager

Ec: Chris Williams, District I
Tim Gum, District II
Charlie Perrin, District III
Dorothy Phillips, Financial Assurance Administrator
Sonny Swazo, OCD Attorney