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	[WFX-	Waterflood Expansion [SWD-Salt Water Disp	n] [PMX-Pressur	e Maintenance Ex	pansion]	4
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		Notification and/or Co	oncurrent Approval	hy BLM or SLO		
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[4] CER	rification:	I hereby certify that t	he information sub-	nitted with this apr	lication for admin	istrative state
approval is ac	curate and com	aplete to the best of my information and notific	v knowledge – Laiso) understand that m	action will be tal	ken on this
		ient must be completed by			risory capacity.	
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Print or Type N	afne	Signature	0	Title		Date
				Kevin . may	us @ apache	corp.com
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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

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 <u>kevin.mayes@apachecorp.com</u>.

Respectfully Submitted,

Kevin Mayes Sr. Engineering Advisor

PAB-

INJECTION WELL DATA SHEET Side 1 APACHE CORPORATION OPERATOR: NMGSAU 30-025-15657 813 WELL NAME & NUMBER: 19 WELL LOCATION: 660' FSL, 660'FWL FOOTAGE LOCATION M 195 UNIT LETTER SECTION TOWNSHIP RANGE WELL CONSTRUCTION DATA WELLBORE SCHEMATIC Surface Casing 9 5/8 Hole Size: 12 1/4 Casing Size: Cemented with: 800 ديم Surf Method Determined: Calc Top of Cement: Intermediate Casing 95/8 8 3/4 Casing Size: 1341 Hole Size: Cemented with: 400 5X. Method Determined: Calc Top of Cement: Su-F Production Casing 6 1/4 Hole Size: Casing Size: Cemented with: 450 sx. Top of Cement: <u>Su</u>-F Method Determined: Circ Total Depth: Injection Interval (Eumont) 3832' 3920 fect to = 3422'-3560' (Perforated or Open Hole; indicate which) (SQZ) INJECTION WELL DATA SHEET Lining Material: Plastic Coated 23/4 Tubing Size: Double Grip Type of Packer: 3800 Packer Setting Depth: ____ Other Type of Tubing/Casing Seal (if applicable): -3832'- 3874 " Additional Data (Grayburg) 1. Is this a new well drilled for injection? Yes 🗶 No If no, for what purpose was the well originally drilled? <u>Production</u> 7" 3870 Grayburg Name of the Injection Formation: 3. Name of Field or Pool (if applicable): Eunice Monument Gray Has the well ever been perforated in any other zone(s)? List all such perforated yes intervals and give plugging detail, i.e. sacks of cement or plug(s) used. 4% 3880 Eumont 40 5× 59Z w/ Openhole 3880 - 392 S. Give the name and depths of any oil or gas zones underlying or overlying the proposed Son Andres Underlying Penrose

INJECTION WELL DATA SHEET Side 1 CORPORATION APACHE OPERATOR: WELL NAME & NUMBER: NMGSAU \$05 30-025-05747 WELL LOCATION: 1980' FNL, 660' FWL 30 195 37E FOOTAGE LOCATION TOWNSHIP RANGE UNIT LETTER SECTION WELL CONSTRUCTION DATA WELLBORE SCHEMATIC Surface Casing 103/4 15 Hole Size: Casing Size 200 Su-t Cal Method Determined: Top of Cement: Intermediate Casing 103/ 9 5/8 2 55 Casing Size Hole Size: 900 Cemented with: Su-f Method Determined: Cal Top of Cement: Production Casing 5/8 5 1/2 " Casing Size: Hole Size: 2518 200 Cemented with: Surf Cal Method Determined: Top of Cement: 39 Total Depth: Injection Interval 3800 3905 (Perforated or Open Hole indicate which) INJECTION WELL DATA SHEET Lining Material: Plastic Coaled 73/8 Tubing Size: able Type of Packer: 3750 Packer Setting Depth: _ Other Type of Tubing/Casing Seal (if applicable): Additional Data 1. Is this a new well drilled for injection? Yes 🗙 No If no, for what purpose was the well originally drilled? $_Production$ 3800 - 3850 Grayburg (Green, burg) 2. Name of the Injection Formation: Name of Field or Pool (if applicable): Eunice Monument Gray Has the well ever been perforated in any other zone(s)? List all such perforated A/O intervals and give plugging detail, i.e. sacks of cement or plug(s) used. 850 5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Open hole Underlying Andres 3850 enrose ying TOC - 3905

INJECTION WELL DATA SHEET 5910 Side 1 APACHE CORPORATION OPERATOR: -025 WELL NAME & NUMBER: NMGSAU 30 204 37E 205 WELL LOCATION: 660 FNL, 660 FM \square RANGE UNIT LETTER SECTION TOWNSHIP WELL CONSTRUCTION DATA WELLBORE SCHEMATIC Surface Casing 12% 1-7 Hole Size: Casing Size 150 Cemented with: Surf Method Determined: Circ Top of Cement: Intermediate Casing 11 148 Hole Size: Casing Size 500 Cemented with: Top of Cement: Sur Method Determined: Production Casing 8 3/4 Hole Size: Casing Size: 1155 Cemented with: _400 835 Method Determined: Calc Top of Cement: 3897' Total Depth: Injection Interval 3783 3897 feet to (Perforated or Open Hold; indicate which) INJECTION WELL DATA SHEET Lining Material: Plastic Coated Tubing Size: Don Type of Packer: 3730 Packer Setting Depth: Other Type of Tubing/Casing Seal (if applicable): Additional Data Yes X No 1. Is this a new well drilled for injection? If no, for what purpose was the well originally drilled? <u>Production</u> Trai Name of the Injection Formation: 2. Name of Field or Pool (if applicable): Eunice Monument Grai SA 3 Has the well ever been perforated in any other zone(s)? List all such perforated Λlσ intervals and give plugging detail, i.e. sacks of cement or plug(s) used. 7 3783 Give the name and depths of any oil or gas zones underlying or overlying the proposed Openhole injection zone in this area: Andres 3783'-3897 Underlying Perrose

INJECTION WELL DATA SHEET Side 1 30-025-0592 CORPORATION APACHE OPERATOR: WELL NAME & NUMBER: ___ NMGSAU 200 37E WELL LOCATION: 660 FAL, 660 FEL 6 20 S TOWNSHIP RANGE FOOTAGE LOCATION UNIT LETTER SECTION WELL CONSTRUCTION DATA WELLBORE SCHEMATIC Surface Casing 17 1/2" 121/2 Hole Size: Casing Size: Commented with: 200Method Determined: Cal c Surf Top of Cement: ____ Intermediate Casing 121/2 11 " 200' Casing Size Hole Size: 500 Cemented with: Top of Cement: $5'u - \overline{f}$ Method Determined: Calc Production Casing 8 % 7/8 6 5/6' Casing Size: Hole Size: 2407 8. Cemented with: Top of Cement: Surf Method Determined: Cal C 3888 Total Depth: (51/8" (010) Cut @ 2196 Injection Interval 3787 3830 (Perforated on Open Hole, indicate which) INJECTION WELL DATA SHEET 23/0 Lining Material: Plastic Coated Tubing Size: ble Jun Type of Packer: Packer Setting Depth: _ 3730 Other Type of Tubing/Casing Seal (if applicable): Additional Data Yes 🗶 No 1. Is this a new well drilled for injection? If no, for what purpose was the well originally drilled? Production - 3698 Grayburg 2. Name of the Injection Formation: CIBP @3725' 3. Name of Field or Pool (if applicable): Eunice Monument Gra TOC@ 3704 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. 65/8 Will SGZ Eumont perte Convert Surina 10 5. Give the name and depths of any oil or gas zones underlying or overlying the proposed 3787 Openhole 3787'- 3888 injection zone in this area: Underlying -San Andres TOC@3830 Penrose

30-025-12465 INJECTION WELL DATA SHEET Side 1 CORPORATION APACHE OPERATOR: WELL NAME & NUMBER: NMGSAU 36E WELL LOCATION: 330' FNL, 330' FEL 36 95 UNIT LETTER SECTION TOWNSHIP RANGE FOOTAGE LOCATION WELL CONSTRUCTION DATA WELLBORE SCHEMATIC Surface Casing 17% 121/2" Casing Size: Hole Size: Cemented with: _2 00 Suf Method Determined: Calc Top of Cement: _ Intermediate Casing 12% 200 11Casing Size: Hole Size: 500 Cemented with: sx. Top of Cement: 223 Method Determined: Calc Production Casing 8 7 7/8 6 Casing Size: Hole Size: 2442 Cemented with: 100 + 250 sx. Top of Coment: _ Sur f Method Determined: Total Depth: 3940 Injection Interval 3809 3940 feet to (Perforated on Open Hole; indicate which) INJECTION WELL DATA SHEET Lining Material: Plastic Coefed 23/93 Tubing Size: Double Type of Packer: 3750 Packer Setting Depth: Other Type of Tubing/Casing Seal (if applicable): Additional Data Yes 🗙 No 1. Is this a new well drilled for injection? Production If no, for what purpose was the well originally drilled? Grayburg Name of the Injection Formation: SA Monument Name of Field or Pool (if applicable): Euroice Gray Has the well ever been perforated in any other zone(s)? List all such perforated $\Lambda |_{\mathcal{O}}$ 6 3/8 intervals and give plugging detail, i.e. sacks of cement or plug(s) used. 3809 Give the name and depths of any oil or gas zones underlying or overlying the proposed noles. Open injection zone in this area: 3940 3809-Inderlying Andres San Penrose

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

.

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

• D	
	VURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II. O	OPERATOR: APACHE CORPORATION
А	ADDRESS: 6120 S. Yale Ave., Suite 1500, Tulsa, OK 74136
С	CONTACT PARTY: Kevin Mayes PHONE: (918) 491-4972
III. W	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 If	s this an expansion of an existing project? X Yes No $WFX = 716$ $R = 9596$
	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle rawn around each proposed injection well. This circle identifies the well's area of review.
S	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 chematic of any plugged well illustrating all plugging detail.
VII. A	Attach data on the proposed operation, including:
3 4	 Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, 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.).
ć	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. D	Describe the proposed stimulation program, if any.
*X. A	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
	attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any njection or disposal well showing location of wells and dates samples were taken.
c	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. A	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge nd belief.
٢	NAME: Kevin Mayes
S	SIGNATURE: Man 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:

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.

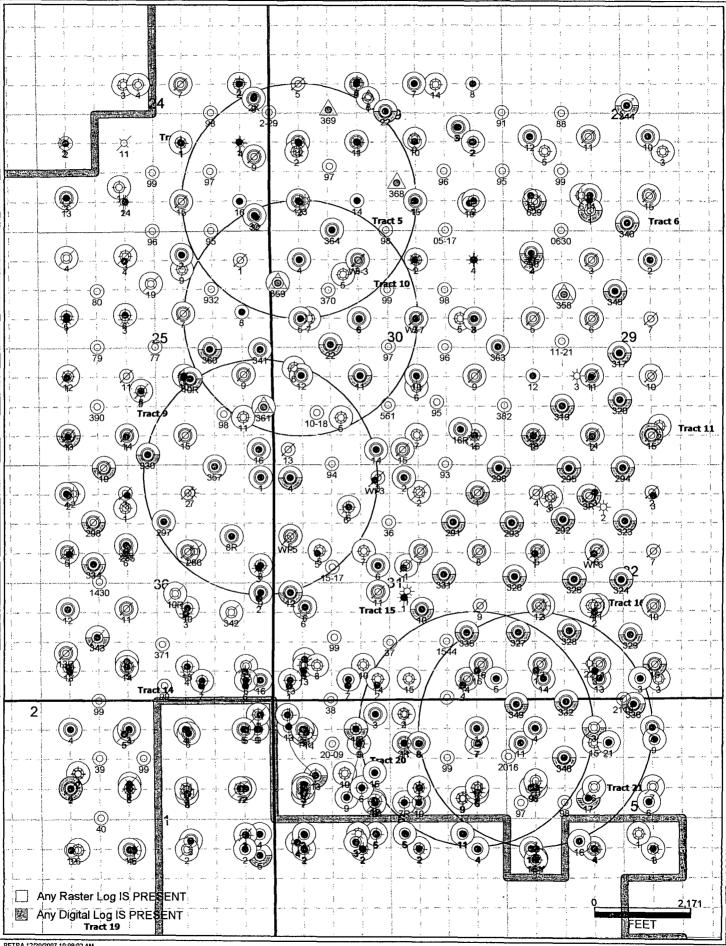
Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (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 - NMGSAU INJECTION- OOA

Any Raster Log IS PRESENT	
Digital Logis PRESENT	
DETPA 12/00/00/7 10/36-25 AM	

COMPLETIONS & COMMENTS	e 01/55 PERF 3948 - 3054 (Acrd) 10/75 3447 - 9032 (Acrd)	10/12 3047 - 3952 (PUU) 3847 - 3954 (Frac)	12891235 O.H.3900 - 4070 (Acto) 1295 C.BP@3850, PERF 3435 - 3523 (Frac)	4 03/35 0.H. 3880 - 4023 9 08/36 0.H. 3807 - 3998 (Acid)	3 10/36 O.H. 3835 - 3975 (Frac/Acid)	11/20 0.11 3033 - 3973 (Actual) 11/08/36 0.14. 3780 - 3975 (Actual)	7 09/36 O.H. 3830 - 3855	r 06/35 0.H. 3841 - 3968 (Acid) 208/35 0.H. 3843 - 3970 (Acid)	B 02/35 0.H. 3634 - 3977 07/56 PERF 3634 - 3977	011-00 - TW	04/81 3399 - 3524 (Acto) 08/83 Sqz 2599-3680 & 3924-3977	4 02/60 Plug back to 8770 & 8650 PERF 5908 - 5918 (Acid)	06/64 PERF 4122 - 4850 (Acid)	10/97 P&A	9 11/35 O.H. 3789 - 4040 (Acid)	5 03/36 0.H. 3784 - 4153	06/63 CIBP @ 3926 5112/35 O.H. 3786 - 3990	02/55 PERF 2700 - 3630	204/36 O.H. 3850 - 3980 e[03/36 O.H. 3670 - 3920	01/53 PERF 3422 - 3560 (Frac/Acid), 5Q2 W/ 90 SXs	06/72 3794 - 3964 (Acid)	03/98 PERF 3/21 - 3964 Place on injection	e 01/55 C.H. 3410 - 3554 5 rdrue O.H. 3494 - 3470	04/95 PERF 3804 - 3970 (Acid)	F1868 On Injection 6 04/36 O.H. 3896 - 35/5	8 05/36 O.H. 3854 - 3559 109/82 CIBP @ 3912	2633 07/36 O.H. 3849 - 3971 Ender 33 07/36 O.H. 3849 - 3971	8 0.H. 3814-3970 (Acid)	al 06/36 O.H. 3780 - 3933 (Acid) 6 OK/36 O.H. 3845 - 3965	4 07/36 0.H. 3815 - 3940	9 04/36 O.H. 3800 - 3890 (Acid) 15 11/36 O.H. 3769 - 3895	03/98 PERF 3692 - 3758 7/02652 PERF 5650 - 5685 (Acid)	03/60 PERF 5637 - 5718 (Acid)	U//34 BF (8 4400 PERF 3210 - 3488 (Frac & Acid)	36105/36 0.H. 3801 - 3890 12/50 PERF 3770 - 3775 (Acid)	9/3 PB 3700', Peri 3469-3661 al 05/37 /0 14 - 3440', - 3875 Plun back to 3875		14 06/35 O.H. 3803 - 3925 (Acid) 06/52 Plug back to 3845 and acidized	03/59 PERF 3763 - 3798 (Acid) 03/08 DEPF 3763 - 1925 (Place on Interction)	0 07/36 O.H. 3835 - 3935	2005/2 U.H. 3633 - 3520 04/38 BP @ 3550, PERF 3764 - 3650 (Acid)	Place on injection cej66/54 PERF 3322-3497	08/93 CGP@3300'.PERF 2475 - 3072 [Frac) 11 08/36 0.H. 3799 - 3897 (Acid)	06/83 0.H. 3799 - 3897 (Acid)	1094 10/35 O.H. 3787 - 3695 (Acid)	10/53 CIBP @ 3772, Perf 3740-70 09/66 3787 - 3837 (Acid), 3740-3770 (502)	01/63 3787 - 3894 (Acid)	r 10030 U.H. 3700 - 3094 (Acid)	00 12/36 O.H. 3817 • 3890 (Acid) 11/83 • 12/92 See P&A Schematic	03/99 P&A 14 12/36 O.H. 3735 - 3894	1102/37 0.H. 3800 - 3900 09/72 PERF 3597 - 3641 (Acid)	08/94 8P @ 3560, PERF 3137 - 3390 07/98 8P @ 3050, PERF 2430 - 2760 (Acid & Frac)	8 07/52 PERF 5684 - 5705 06/92 14A	6 03/52 PERF 5652 - 5705 02/81 RP @ 5660 PERF 5590 - 5572 (Acid)	009/52 PERF 3364 - 3506 (Acid)	15(08/36 O.H. 3800 - 3890 (Acid)	GINETLE O 14 3800 - 3890
100	Surface		128	949	100	1001	94	2342	1501			Ř			108:	1245	2285		Surface	1700		+	Surface		1366	186	263:	2686	265	266	1195	2487			215	2016	-	2434		1430	Ba	Surface	1181		1094		(ac)	1080	2200	1064	106		2381	23/1	2360	1011	2651
TD CONSTRUCTION	3381 8 58 @ 299 CMT W/300 SX. 5 1/2 @ 3381' CMT W / 750 SX		4070 12 1/2 @ 263' CKIT W/ 250 SX. 9 5/6 @ 1365' CMT W/ 1200 SX. 7 @ 3900' CMT W/ 400 SX	4023] 15 112 @ 248 CMT W/ 250 ŠX. 9 518 @ 1327 CMT W/ 800 SX. 7 @ 3860 CMT W/ 408 SX 300011n 34. @ 2277 CMT W/ 260 SX. 7 518 @ 1196 CMT W/ 900 SX. 5 117 @ 3407 CMT W/ 300 SX	3975 10 34 @ 282' CMT W/ 250 SX, 7 518 @ 1256' CMT W/ 300 SX, 5 1/2 @ 3835' CMT W/ 300 SX	3975/10.3/4 @ 276 CMT W/ 200 SX, 7 5/8 @ 1174 CMT W/ 200 SX, 5 1/2 @ 3455 CMT W/ 200 SX 3965/10.3/4 @ 272 CMT W/ 250 SX, 7 6/8 @ 1265 CMT W/ 200 SX, 5 1/2 @ 3760' CMT W/ 300 SX	3955 10 3/4 @ 273' CMT W/ 250 SX, 7 5/8 @ 1199' CMT W/ 300 SX, 5 1/2 @ 3783' CMT W/ 300 SX	3934 12.112,@.300'CMT W/ 1726,SX, 9 5/8 @ 2570'CMT W/ 400 SX, 7 @ 3351'CMT W/ 200 SX 3970 12.112,@.286'CMT W/ 125 SX, 9 5/8 @ 2553'CMT W/ 400 SX, 7 @ 3843'CMT W/ 200 SX	3977 10 3M @ 258 CMT W/ 175 5X 7 5M @ 2599 CMT W/ 900 5X, 5 1/2 @ 3834 CMT W/ 150 5X			10331 13 318 @ 415' CMT W/ 415 SX, 5 5/6 @ 4099' CMT W/ 3275 SX, 5 1/2 @ 8809' CMT W/ 990 SX			4040 13 3/8 @ 263 CMT W/ 250 5X 9 5/8 @ 1345 CMT W/ 560 5X 7 @ 3799' CMT W/ 500 5X	4002 12 112 @ 285 CMT W/ 250 5X 9 5/8 @ 1534 CMT W/ 300 5X, 7 @ 3615 CMT W/ 400 5X 4153 12 112 @ 217 CMT W/ 260 5X, 9 5/8 @ 1559 CMT W/ 375 5X, 7 @ 3784 CMT W/ 400 5X	1000/11 18 @ 256 PMT W/ 200 5Y 6 649 @ 13137 CMT W/ 426 5Y 7 @ 1786 CMT W/ 200 5X		3980)12 112 @ 252' CMT W/ 250 SX, 9 518 @ 1327' CMT W/ 800 SX, 7 @ 3850' CMT W/ 400 SX 3920)15 112 @ 259' CMT W/ 250 SX, 9 518 @ 1341' CMT W/ 800 SX, 7 @ 3470' CMT W/ 400 SX, 4 112 @ 3880' CMT W/ 450 SX		1964 13 월 184 CMI W/ 198 SA, 6 398 월 2500 CMI W/ 300 SA, 6 398 월 3042 CMI W/ 100 SA		3554 6 588 @ 1165 CMT W/ 575 SX, 5 1/2 @ 3262 CMT W/ 600 SX 3556 (10 1/4 @ 364 CMT W/ 375 SX, 5 1/2 @ 3562 CMT W/ 600 SX		3975 10 3/4 @ 243' CMT W/ 125 5X, 7 5/6 @ 2565' CMT W/ 900 5X, 5 1/2 @ 3696' CMT W/ 400 5X	3859 IS 1/2 @ 37 CMT W/ 30 SX, 10 1/2 @ 256 CMT W/ 200 SX, 7 5/6 @ 2575 CMT W/ 900 SX, 5 1/2 @ 3854 CMT W/ 400 SX	3971 10.34 @ 350 CMT W/ 200 SX, 7 Sia @ 2500 CMT W/ 900 SX, 5 1/2 @ 3550 CMT W/ 150 SX	370019 566 @ 1219 CMT W/ /581 55, 5 12 @ 5100 CMT W/ 1400 55, 397013 @ 250' CMT W/ 200 5X, 9 518 @ 2495' CMT W/ 800 5X, 7 @ 3614' CMT W/ 150 5X	3933 12 1/2 @ 256 CMT WI 150 SX, 9 5/8 @ 2500° CMT WI 800 SX, 7 @ 3/60' CMT WI 150 SX 3425 13 17 @ 3517 CMT WI 251 SV 9 518 @ 3500° CMT WI 800 SX 7 @ 3460° CMT WI 2010 SX	3005112 112 @ 252 CMT W1 225 SX 958 @ 2461 CMT W1 700 SX 7 @ 3790 CMT W1 150 SX	3890 12 1/2 @ 165'CMT W/ 150 SX, 8 5/8 @ 2357'CMT W/ 700 SX, 6 5/8 @ 3800'CMT W/ 100 SX 3895 10 3/4 @ 252'CMT W/ 200 SX, 7 5/8 @ 1105'CMT W/ 200 SX, 6 1/2 @ 3769'CMT W/ 200 SX	czeci trade tar ritar writie ex a too a zide ritat Writien ex 6 to a steel ritat Writien ex			3890 12 112 @ 263' CMT W/ 300 SX, 9 5/8 @ 2317' CMT W/ 400 SX, 7 @ 3601' CMT W/ 300 SX	andel sa tati cur and ov a titlar titl Curi fur au an cv 7 iii sa ann char fur an cv	3715/14/11/2 (2) 243 UM/ 1/1 200 3A, 3 3/3 (2) 11/19 UM/ 1/1 400 3A, 1 (2) 3010 UM/ 1/1 200 3A	3925 12 112 @ 252' CMT W/ 300 SX, 9 5/8 @ 2465' CMT W/ 400 SX, 7 @ 3803' CMT W/ 200 SX		3935 12 112 @ 175' CMT W/ 200 SX 9 58 @ 1454' CMT W/ 400 SX, 7 @ 3829' CMT W/ 300 SX	22 1/2 @ 230 CMT W/ 250 SX 9 5/8 @ 1160 CM1 W/ 350 SX. 7 @ 3633	3550 8 5 8 @ 800'CMT W/ 250 SX 5 1/2 @ 3550'CMT W / 1000 SX	1447/12/12/06/150/12011W/150/5X/9/56/00/1183/12012X/2/06/5X/2/06/17/0/1350/5X		3895 12 1/2 @ 150' CMT W/ 150 SX, 9 56 @ 1170' CMT W/ 500 SX, 7 @ 3787' CMT W/ 400 SX		11 11 11 11 11 11 11 11 11 11 11 11 11	3394 12 172 @ 159 CMT W/ 150 5X, 9 56 @ 1175 CMT W/ 30 5X, 7 @ 2/66 CMT W/ 400 5X 3897 12 172 @ 146 CMT W/ 150 5X, 9 56 @ 1165 CMT W/ 600 5X, 7 @ 3763 CMT W/ 400 5X	3890 12 12 @ 141 CMT W 125 5X, 3 5/8 @ 1105' CMT W 500 5X, 7 @ 3817' CMT W 400 5X	3894 12 112 @ 140' CMT W/ 150 SX. 9 5/8 @ 1145' CMT W/ 500 SX. 7 @ 3735' CMT W/ 400 SX	3900/12 112 @ 135 CMT W/ 100 SX 9 5/8 @ 112S CMT W/ 500 SX 7 @ 3600 CMT W/ 400 SX		5756 13 38 @ 263 CMT W/ 360 8X, 8 5/8 @ 2801 CMT W/ 1200 5X, 5 1/2 @ 5152 CMT W/ 500 SX	5/42 13 3/8 @ 269" CMT W/ 260 SX, 8 5/8 @ 2804" CMT W/ 1200 SX, 5 1/2 @ 5734" CMT W/ 550 SX	5755 13 3/8 @ 290' CMT W/ 250 SX, 8 5/8 @ 2826' CMT W/ 1100 SX, 5 1/2 @ 5/52' CMT W/ 535 SX	3890112 112 @ 259° CMT W/ 250 SX, 9 S8 @ 1230° CMT W/ 800 SX, 7 @ 3750° CMT W/ 400 SX	
SPUD DATE	12/27/1954		10/21/1935	2/4/1936	8/24/1936	7/23/1936	8/23/1936	7/11/1936	1/5/1936		+	6/1/1964			10/7/1935	2/3/1936	3101/2/11		2/5/1936		4/19/19/0		12/19/1955	2/0/18:20	3/12/1936	4/19/1936	5/29/1936	3/24/1936	5/4/1936	6/11/1936	3/12/1936 10/14/1936	0111012	2001130	-	4/8/1936	a prostanta	3/15/1937	5/10/1936		6/12/1936	6/5/1937	6/9/1954	7/14/1036	0081/01//	8/28/1936			7/16/1936	11/16/1936	11/14/1936	12/30/1936		5/28/1952	7/16/1952	9/10/1952	7/16/1936	
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- IA	30025040450001		3002504048000	3002504	3002504	3002504	3002504	30025040550000	3002505			3002505640000		+	3002505	30025056430001 30025056480001	10000333035005	0007000	30025056520000 30025056530001		30025057400002		30025057430000	chozone	3002505	30025057460001	3002505	3002505	302505750000	3002505	3002505 3002505	JOOTEUE	0003000		3002505769000		2002006	30025057730003		3002505	3002505	30025057770001	0006023036000	aneznor	30025057940003			30025059100000	3002505	3002505			30025059140001	30025059150001	3002505	30025059190000	
TYPE	330 FEL OIL		FEL OIL	FEL FFI OX	EE OF	ಷಷ	FEL	FEL OAG	FWL OL	_		2239 FWL SRV			FWL OIL	1980 FEL OL	ABEN EAM		FWL OR		1980 FEL INJ		1504 FWL GAS	L WIL	FWL OIL	1980 FWL OIL	FWL OIL	FWL GAS	2310 FWL OIL		FEL OIL	CEI OVE			2310 FWL OIL		L WL	PWL INJ		FWL OIL	FWL INJ	FWL OIL	3	ANT OF	FWL OIL			1960 FWL OIL	FWL DRY	FWL OIL	660 FWL CAS		SEOFWL OL	560 FWL OL	330 FWL GAS	FEL	
FOOTAGE	Z310 FNL 330		FSL 660		FNL 1980 F		FSL 330	FNL 6605	F5L 660			FNL		1	Z	1980 FNL 1980 660 FSL 1980			660 FSL 1980		1980 FNL 1980		1020 FSL 1504	ΗI	_	FNL 1980	FNL 660	FNL 1650	330 FSL 2310	F5L 330	FSL 2310	Ee, aor		-	FSL 2310			330 FNL 2310		330 FNL 330	FNL 330	FNL 990	F. BRO		FSL 1980			660 FNL 1980 660 FNL 660			FNL 660		1980 FNL 560		FNL 330	550 FNL 1980	
RNG	36 E 231		4 19 S 36 E 1980 FSL	36 E 66(36 E 1960	36E 1980	36 E 33	36.E 56	37 E 198			37/E 2310			11	37 E 198			37 E 660		37 5 1980	+	37 E 102	0 0 2	37 6 660	37 E 1960	37 E 1980	37 E 1980	37E 33	37 E 33	37 E 33	17.6			37 E 33			37 1 33		37 E 330	37 E 1650	37 E 1980	37 6	2	37 E 660			37 E 560 37 E 560	37 E 1980	37.6 1980	37 E 1980		37 E 1980	37 E 1980 FSL	37 E 990	37 E 660	1
SEC TWP	24 195	-	24 19 <u>5</u>	24 19 5	25 19 5	25 19 S	25 19 5	25 19S	19 19 S	-	-	19 19.5			19 19 5	19 19 5	10 01	2021	19 19 5 19 19 5		30 19 5		30 19.5	8 2 2	30 19 5	30 19 5	30 195	30 195 30 195	30 195	30 195	31 19 S		50		31 19 5			31 19 S		31 19 ⁻ S		31. 19.5		202	32 19.5			5 20 S	5 20 S	5 20.5	5 20 S		5 20 5	5 20 S	5. 20IS	5 205	;
MUN	408		*	416	106	808	916	908	512			80			505	506			514		1007		5	2001		1006	1005		1014						1514		1912	1503		1504				2	1614			2103	8	2106			5	5 D		2102	
Leas Name	MONUMENT NORTH G/SA UNIT		NEW MEXICO 6 STATE COM	MONUMENT NORTH G/SA UNIT	MONUMENT NORTH GISA UNIT	GRAHAM-STATE C MONIMENT NORTH GISA UNIT	MONUMENT NORTH GISA UNIT	MONUMENT NORTH GISA UNIT MONUMENT NORTH GISA UNIT	MONUMENT NORTH G/SA UNIT			GULP & VICT.A		,	MONUMENT NORTH G/SA UNIT	MONUMENT NORTH G/SA UNIT MONUMENT NORTH G/SA UNIT	A LOND THE REAL POINT THE REAL POINT		MONUMENT NORTH GISA UNIT MONUMENT NORTH GISA UNIT		MONUMENT NORTH G/SA UNIT		STATEE	MUNUMENT NOKTH G/SA UNIT	MONUMENT NORTH G/SA UNIT	MONUMENT NORTH G/SA UNIT	MONUMENT NORTH G/SA UNIT	STATE AC Com MONUMENT NORTH GISA UNIT	MONUMENT NORTH G/SA UNIT	MONUMENT NORTH G/SA UNIT	MONUMENT NORTH G/SA UNIT MONUMENT NORTH G/SA UNIT	CIR D N NOT D	0.1011 4 0 1000		MONUMENT NORTH G/SA UNIT	TANKING AND A TANKAT	MUNUMENT NUKTH 5/54 UNIT	MONUMENT NORTH G/SA UNIT		MONUMENT NORTH G/SA UNIT	MONUMENT NORTH G/SA UNIT	PHILIPS J.RB	MONINENT NODTH CLEATINH	THIN DOWN IN THE PROPERTY OF	MONUMENT NORTH GISA UNIT			MONUMENT NORTH G/SA UNIT MONUMENT NORTH G/SA UNIT	BARBER BERTHA	MONUMENT NORTH G/SA UNIT	BARBER BERTHA		BARBER	BARBER BERTHA	BARBER	MONUMENT NORTH G/SA UNIT	
Operator Name	Apache Corporation							Apache Corporation Apache Corporation				GULF OIL CORP			Apache Corporation	Apache Corporation Apache Corporation	America Conserved	where contraction	Apache Corporation		Apache Corporation		OXYUSANC	Apacre Corporation	Apache Corporation	Apache Corporation			Apache Corporation						Apache Corporation		Apache Corporation	Apache Corporation		Apache Corporation	Apache Corporation	BP America	Anartia Correction	Apacitie Corporation	Apache Corporation		14	Apache Corporation Apache Corporation		Apache Corporation	MARATHON OIL COMPANY		MARATHON OIL COMPANY	11	MARATHON OIL COMPANY	11	İ

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Anache Cornoration	MONUMENT NORTH GISA LINUT	2001	800	376	260 FNI	SO EEL OI	30025059270	000		12 1/2 (0 200, CMT	@ 2407 CMT WI 1000 SX 6 518 @ 1287 CMT WI 18	XX	05/62 PERF 9568 9789 (Acid & Fiac) 2271 10/36 0.H. 3787 - 3868
Apache Corporation	LAMBERTLM		6 205	37.6 1	1980 FNL 65	660 FEL GAS	30025059280	2001 37	15	3	W/ 200 SX, 8 56 @ 2326' CMT W/ 600 SX, 6 516 @ 3732' CMT W/ 100 SX, 4 1/2 @ 7400' CMT W/ 350	SX. 4 1/2 @ 7400' CMT W/ 350 SX	3732 03:37 O H. 3792 - 3680 02:02 RBP @ 6673, PERF 5286 - 5479 (Acid)
Aparthe Corporation	MONUMENT NORTH GISA UNIT	2007	5 20 S	37.6 2.	314 FNL 23	10 FEL	30025059290	9000	9/26/1951 57	710 11 3/4 @ 240' CMT W/ 200 S.	9 @ 2275 CMT W/ 1050 SX, 5 1/2 @ 5710 CMT W/ 40	0 SX	1937[11/5] PERF 5555 - 5708 (Acid) [77/5 C/BP@5525] Perf 3562-3517 non-commercial
Apache Corporation	MONUMENT NORTH G/SA UNIT	2008	6 205	37 E	2084 FNL 66	660 FEL PG-T	3002505930000		2/25/1952 57	11 13 2/8 @ 258' CMT W/ 250 SJ	5711 13 JB @ 258' CMT W/ 250 SX, 9 5/8 @ 2305' CMT W/ 1500 SX, 7 @ 5650' CMT W/ 500 SX		2225 03/52 O.H. 5650 - 5711 (Acid)
Apache Corporation	LAMBERT		6 205	37E	990 FNL 64	660 FEL OIL	30025059310	37/2	3/29/1952 57.	20 13 3/8 @ 258' CMT W/ 250 SX, 9 5/8 @ 230	8 @ 2300' CMT W/ 1500 SX, 7 @ 5715' CMT W/ 500 S)		2234 05/52 0.H. 5715 - 5730 2234 05/52 0.H. 5715 - 5730
Apache Corporation	LAMBERT LM	8	6 20IS	37 E	990 FNL 198	1980 FEL OIL	3002505932000		5/12/1952 57	15 13 3/8 @ 255' CMT W/ 200 S	SX. 9 5/6 @ 2300' CMT W/ 1500 SX. 7 @ 3750' CMT W/ 325 SX		2105 08/52 O.H. 5665 - 5715
Apache Corporation	LAMBERT L.M		6 Z0S	37 E 2,	2214 FNL 99	990FEL GAS	30025059330	3/6	3/6/1955 52	5 1/2 liner 3693-5655 cml w/ 5235 13 3/8 @ 255' CMT W/ 200 S>	33-5555 cm/ w 100.5x CMT W/ 200 5X, 9 5/8 @ 2323' CMT W/ 1500 5X, 5 1/2 @ 5235' CMT W/ 850	0 SX	1666 04/55 FERF 5188 - 5233 (Actu & rec)
Apache Corporation	LM LAMBERT	10	6 20 S	37 E Z	310 FNL 198	1980 FEL OIL	30025059340	2000 4/6	4/6/1955 52	25 13 3/8 @ 256" CMT W/ 200 SJ	522 13 318 @ 256 CMT W/ 200 SX. 9 518 @ 2324' CMT W/ 1250 SX. 5 1/2 @ 5212' CMT W/ 650 SX	0 SX	1872 04155 PERF 5180 - 5212 (Acid)
Apache Corporation	MONUMENT NORTH G/SA UNIT	Z00Z	8 205	376	990 FNL 23	10 FEL GAS	3002505935	9001 4/2/		560 8 5/8 @ 1043' CMT W/ 600 S	8 @ 3835 CMT W / 250 SX		1032 05555 PERF 3735 - 3145 (Acid) 0572 Prug back 0557 Prug back 0557 acid - 3550 Acid)
CHEVRON U S A INC	MATHEWS GC	4	6 20S	37.E	1980 FSL 66	660 FEL OIL	30025059450002		1/10/1937 38	3897 10 3/4 @ 297' CMT W/ 200 SX	10 3/4 @ 297" CMT WI 200 SX, 7 5/8 @ 2342" CMT WI 400 SX, 5 1/2 @ 3815" CMT WI 175 SX	sx s	2169 02/37 0.4. 3615 - 3497 - 3497 - 3425 (Multi) 2169 02/37 0.4. 3615 - 3497
													0/2/2/11/10/2/2/05/11/2/10/11/2/2/05/11/2/ 0/2/69 PERF 3412 - 3558 (Acid) /Across 0/2/2012
CHEVRON U S A INC	MATHEWS		6 Z0 S	37 E 23	2310 FSL 99	990 FEL OIL	30025059520001		6/29/1954 52	13 13 3/8 @ 313' CMT W/ 500 \$)	3235 113 3/8 @ 313' CMT WI 500 SX, 9 5/8 @ 2699' CMT WI 1900 SX, 7 @ 5234' CMT WI 675 SX, 5 (Liner) @ 5193' - 5726' CMT W / 30 S)	ç, 5 (Liner) @ 5193' - 5728' CMT W / 30 SX	2238 10/54 PERF \$160 - \$230 (Acid)
Apache Corporation	MONUMENT NORTH G/SA UNIT	2003	6 20.5	20/S 37/E 3	330 FNL 231	2310 FWL OIL	30025059550000		4/2/1936 38	3690 15 1/2 @ 252' CMT W/ 200 S) #730 13 1/8 @ 323' CMT W/ 725 S3	0 SX 9 5/8 @ 1069" CMT W/ 700 SX. 7 @ 3600" CMT W/ 400 SX 5 SX 8 5/8 @ 2624" CMT W/ 1200 SX 5 12" @ 5734" CMT W/ 75	xs	1016 05/36 O.H. 3600 - 3690 2042 10/52 PERF 5668 - 5714 (Audi
	1100400			11	330 LMC 10		700000000						07/90 BP @ 5015, PERF 3194 - 3389 (Acid & Frac) 12/97 0.H 5525 - 5980 herizantal
Apache Corporation Apache Corporation	MONUMENT NORTH G/SA UNIT MONUMENT NORTH G/SA UNIT	1401		198 198 194	ER.	330 FEL OIL	30025124650	2000 7/15	7/15/1936 39- 7/28/1936 39-	3940 12 1/2 @ 202' CMT W/ 200 S3 3930 12 1/2 @ 201' CMT W/ 200 S3	12 1/2 @ 202' CMT W/ 200 5X, 8 5/8 @ 2442' CMT W/ 500 5X, 6 5/8 @ 3809' CMT W/ 100 5X 13 1/2 @ 2011' CMT W/ 200 5X, 8 5/8 @ 2431' CMT W/ 600 5X, 6 5/8 @ 3786' CMT W/ 100 5X	SX	2666 09(36 O.H. 3640 - 3340 (Acid) 2656 09(36 O.H. 3600 - 3330 (Acid)
Apache Corporation	STATEV	E.	36 19 S	36 E 2310	FNL	30 FEL O&G	3002512467000		111	115 12 1/2 @ 191' CMT W/ 200 S.	5 @ 2373' CMT W/ 600 SX, 6 5/8 @ 3796' CMT W/ 100	XS	2654 05/37 O.H. 3796 - 3915 (Acid) 12/53 O.H. 3796 - 3890 (Acid)
			Ŧ										PERF 3165 - 3450 (Acid) 10/92 CIBP@3518
Apache Corporation Apache Corporation	MONUMENT NORTH G/SA UNIT MONUMENT NORTH G/SA UNIT	1407	36 19 5	36.E	360 FNL 198 310 FSL 33	1980 FEL OIL 330 FEL OIL	30025124681 30025124750	0000 4/- 3003 1/16	4/4/1937 39	3908 12 1/2 @ 188' CMT W/ 200 S) 3908 10 3/8 @ 280' CMT W/ 200 S)	12 1/2 @ 188' CMF W/ 200 SX, 8 5/8 @ 2384' CMF W/ 600 SX, 6 5/8 @ 3795' CMF W/ 100 SX 10 3/8 @ 260' CMF W/ 200 SX, 1 5/8 @ 2884' CMF W/ 377 SX, 5 1/2 @ 3835' CMF W/ 200 SX	sx SX	2345 04/37 0.H. 3766 - 3508 2584 02/37 0.H. 3636 - 3508 2584 02/37 0.D.H. 3639 - 3308
Apache Corporation	MONUMENT NORTH G/SA UNIT	415	24 19 5	36	660 FSL 198	1960 FEL	30025127280000		5/7/1936 40	4017 10 3/4 @ 267 CMT W/ 300 SA	10 34 @ 267" CMT W/ 300 5X, 7 5/8 @ 1327" CMT W/ 300 5X, 5 1/2 @ 3845" CMT W/ 300 5X 10 344 @ 4060" CMT W/ 4060 5X, 7 5/8 @ 3250" CMT W/ 300 5X,	SX	1054 06/38 FEAT 5/ 36 - 2016 (AUU) 1054 06/38 FEAT 5/14 - 4017 (AUU) 2020 07375 204-4017 (AUU)
Apacina Luiporation			2		11		11 90797000						411714 Finished P&A
Annabus	MONTHOUSE MODEL CLOAD THUS		007		500 P00	N CEL	OFFDJFEJGGGG	000	1070	10 10 10 20 S 1054 CMT W1 1050	S JEAN CMT W/ AGO SY A 10 M MARIN SA APPR CMT V	2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	8/95 0
Apache Corporation	STATE T	8	22 19 S	<u>и</u> 9 Ж	1650 FSL 231	2310 FWL GAS	30025244230	1001 5/2C	5/20/1873 41	4100 9 5/8 @ 420' CMT W/ 330 SX	200° CMT W / 550 SX. 5 1/2 (Liner) @ 4100° CMT W /		Burlace Burlie Terr 2024 - 2020 Surface D1773 PERF 3396 - 4049 (Acid) Trings DERF 1489 - 7508 (Franch)
BP America	PHILLIPS J.R. B.	8	31 19 S	37 E 990	FZ.	1650 FWL GAS	3002524799000		7/25/1974 40	4000 8 5/8 @ 469' CMT W/ 350 SX, 5 1/2 @ 3999' CMT W / 700 SX	@ 3999' CMT W / 700 SX		Surface 09/74 PERF 3905 - 3397 (Acid), 3917 - 3947 (SQZ)
													PERF 3364 - 3600 (Acrd & Frac). 3906-3917 (SOZ)
XTO Energy, Inc Apache Corporation	INMEX /G/ STATE MONUMENT NORTH G/SA UNIT	3 432	19 19 S	37 E 36 E	330 FSL 81 330 FSL 33	330 FEL OIL	3002529735001		10/5/1979 35 8/18/1986 39	3500 9 5/8 @ 428 CMT W/ 300 5X, 4 1/2 @ 3500 3960 8 5/8 @ 415 CMT W/ 400 SX, 5 1/2 @ 3960'	@ 3500 CMT W / 1335 SX @ 3960 CMT W / 950 SX		Surface 09/86 PERF 3909 - 3936 (Actor & Frac) Surface 09/86 PERF 3909 - 3936 (Actor)
	MONUMENT NORTH GISA UNIT		24 19 S	36 E	554 FSL 33	30 FEL OL	30025297710	10/18		45 8 5/8 @ 405' CMT W/ 400 SX.	@ 3945' CMT W / 1100 SX		08/99 PERF 3870 - 3936 (Acid) Surface11/86 PERF 3876 - 3934 (Acid)
	GRAHAM STATE NCT-C COM	11	25 19 5	36.6	1055 FSL 66	50 FEL GAS	30025313454	12/11	12/11/1991 36	150 8 5/8 @ 1158' CMT W/ 750 S.	2 @ 3650' CMT W / 625 SX		Surface 01/92 PERF 3344 - 3577 (Acid & Frac) ando 11/02 PERF 3470 - 3669 (Acid) &
Apache Corporation	MONUMENT NORTH G/SA UNIT	1419		36 E	81 FNL 150	1505 FWL OL	30025315870	7/1 000	11	5150 13 3/8 @ 1185' CMT W/ 915 S	0 0 3641 CMT W/ 925 5X, 7 0 5128 CMT W/ 203 5X	X	303911192 FEAT 9479 - 3005 (7449) 36314 0003 D FEAT 3747 - 30343 (Acid)
	MONUMENT NORTH GISA UNIT SHELL B' STATE	1 1022	30 195 36 195	37 8 2	567 FNL 13: 990 FNL 198	30 FWL OL	30025315894	0000 8/2 3/6	7/1992 4/	30 9 5/8 @ 42/ CMT W/ 400 S	8 @ 3646 CMT W/ 1495 SX, 7 @ 4500 CMT W/ 250 S 730' CMT W / 500 SX		2524 02/92 FERF 3552 - 3524 (A00) 345 07/92 PERF 3360 - 3555 (Frac)
	BARBER BERTHA BARBER BERTHA	13	32 19.5 32 19.5	37E 3	330 FSL 194 130 FSL 73	80 FWL GAS	30025323840	21/2 0000	3/1994 37	727 14 @ 40' CMT W/ 777 SX, 8 5017 @ 1206' CMT W/ 265 SX, 4	1218' CMT W/ 580 SX, 5 1/2 @ 3727' CMT W/ 925 SX 3650' CMT W / 555 SX		Surface (02/94 PERF 3390 - 3508 (Frac) 460(09/94 PERF 2380 - 3471 (Frac)
	MONUMENT NORTH G/SA UNIT	910	25 195	36.6	915 FSL 1843 FEL	43 FEL OIL	30025323810	1000 2/2	1/1994 41	42 9 5/8 @ 440' CMT W/ 225 SX	1830° CMT W / 875 SX		Surface D4/94 O.H. 3830 - 4042 (Acrd)
	HARBERTHA STATE 'A-19'	15	5 20 S	37 E 1)	990 FNL 194 760 FSL 62	24 FWL GAS	30025325321 30025325970	0000 11/1 X000 5/11	6 26	90 7 @ 1219 CMI W/ 325 SX.4 30 8 5/8 @ 411' CMT W/ 325 SX.	3755 CMT W/ 520 SX @ 3730 CMT W / 850 SX		surface 11194 PERF 3201-3436 (Acid & Frac) Surface 07/97 PERF 3400 - 3632 (Acid & Frac)
CONOCO INCORPORATED	STATE '&-19' STATE 'E'	- e	30 19 S	37 8 1	980 FNL 84 145 FSL 49	60 FWL GAS 95 FWL OIL	30025326980 30025327220	0000 12/30/19	96	3750 8 5/8 @ 433' CMT W/ 350 SX, 5 1/2 @ 3750 8 5/8 @ 438' CMT W/ 260 SX, 5 1/2 @	@ 3730' CMT W / 950 SX @ 3750' CMT W / 875 SX		Surface 03/95 PERF 3404 - 3500 (Frac) Surface 03/95 PERF 3360 - 3599 (Acid & Frac)
	STATE V BARBER BERTHA	7	361 195	36 E	660 FNL 18/ 140 FS1 165	BUFEL GAS	30025335680000	·	96	3535 8 5/8 @ 407 CMT W/ 150 SX. 7800 13 2/8 @ 490' CMT W/ 545 S2	2X, 5 1/2 @ 3530' CMT W / 600 SX SX 8 58 @ 2428' CMT W / 950 SX 7 @ 5122' CMT W/ 150 SX 4 1/2 (Lmer) @ 7796' CMT W/ 235	4 1/2 (Liner) @ 7796' CMT W/ 235 SX	Surface 11/195 PERF 3340 - 3418 (Acid) 5212[05/97 PERF 7204 - 7230 (Acid)
													11/99 RBP (0) 7100, PERF 6416 - 5481 (Acid & Frac) 05/07 PERF 5504 - 5802 (Acid)
MARATHON OIL COMPANY	BARBER BERTHA	1	5 20 5	37 E Z.	2230 FNL 185	1850 FWL OL	3002534204000		12/28/1997 78/	00 11 3/4 @ 500' CMT W/ 2/1 S.	7600 11 34 @ 500' CMT W/ 2/1 SX 8 5/8 @ 3302' CMT W/ 905 SX 5 1/2 @ 7792' CMT W/ 910 SX	SX	2456(02/95 PERF 7176 - 7302 (Acid) 08/99 BP (8) 7095 PERF 6443 - 5453 (Acid & Frac)
CHEVRON U S A INC	PHILLIPS J R	15		37 E	++	1865 FWL OIL	30025351190	1001 8/25	8/25/2000 77	50 8 5/8 @ 1132' CMT W/ 800 SX	5 1/2 @ 7058' CMT W / 1585 SX		Surface 01/01 0.H. 7056 - 7750 (Frac) 01/04 BP @ 7025, PERF 6395 - 6446 (Acid)
	11	297		361		25 FEL OIL	30025351770	10/21	/2000	196 14 @ 53' CMT W/ 777 SX. 8 5	1005' CMT W/ 200 SX. 5 1/2 @ 3986' CMT W/ 1400 SX		Surface 11/00 PERF 3874 - 3982 (Acid) Surface Inims PERF 3772 - 4010 (Acid)
CHEVRON U S A INC	PHELIPS J R	16	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	376	224 F SL 244 1650 FNL 227	2273 FWL OL	30025355010	0000	1/2001	7850 8 5/8 @ 1154' CMT W/ FC/ 5X, 8 9	2 CMI WI 20 5X / 2 TUDE CMI WI 1200 5X 2 @ 70527 CMI WI 1779 SX 3 20507 CMI WI 2000 5X		Surface 07(01 O.H. 7053 - 7507 (Acid) Surface 07(01 O.H. 7053 - 7502 (Acid)
	11	327		37 E		SEFWL OIL	30025356210	V000 8/31	/2001 39		1 @ 3900' CMT W / 850 SX		Surface 10/01 PERF 3643 - 3882 (Acrd)
	BAXTER CULP '31' LOVE '32'	500	31 19S	37.E 37.E	330 FSL 33 330 FSL 231	2310 FEL OIL	30025356940000		9/25/2001 7420 9/25/2001 6660	14 M	350 SX, 8 M8 @ 2568 CM1 W/ 900 SX, 5 1/2 @ 415 CM1 W/ 1350 S/ 350 SX, 8 5/8 @ 2569 CM1 W/ 900 SX, 5 1/2 @ 6660 CM7 W/ 895 SX		Surface 11/02 PERF 6334 - 3/3 (Add & Flac) Surface 03/02 PERF 6494 - 6583 (Add & Flac)
Apache Corporation	MONUMENT NORTH G/SA UNIT	332	5 20 5	37 E	65 FNL 136	30 FWL	30025357410	000 12/6	/2001 38	3897 8 5/8 @ 1143' CMT W/ 450 SX. 5 1/2 @ 3897 CMT W / 750 SX	0 3897 CMT W / 750 SX		1007 PERF 5694 - 5781 Surface 01/02 PERF 3655 - 388 (Acid)
Cimarek	BARBER BERTHA	20	5 20 5	37 E 16	_	660 FWL DRY	3002535945000	36/7 0000	61	14 8 5/8 @ 1212' CMT W/ 560 5/	t @ 6714' CMT W / 1000 SX		616/12/02 6P @ 6340, 5787, 5722, 5500 & 5250 PERF 6106 - 6108 (5021, Plug (5148 - 5150)
Cimarex	COOPER 'S'	6	20 5	37:5	124 FNL 193	IS FEL OIL	30025359900	11/6 9/11	2002	00 8 5/8 @ 1245' CMT W/ 580 SX	CMT W/ 580 SX. 4 1/2 @ 6800' CMT W / 1510 SX		D&A Surface 10/02 PERF 5485 - 5491 (Acid & Frac)
			5 20 S 32 19 S	37[E (990 FNL 231 170 FSL 176	10 FWL OIL	30025361340 30025362670	2/5 2/11	2003	00 8 5/8 @ 1225' CMT W/ 580 5/ 00 8 5/8 @ 1284' CMT W/ 580 5/	2 @ 5700' CMT W / 1250 SX		Surface/04/03 PERF 6437 - 6445 (Frac) Surface/07/03 D&A
Apache Corporation Apache Corporation	MONUMENT NORTH G/SA UNIT MONUMENT NORTH G/SA UNIT	336 336	20 5	37 E 1385 FSL 37 E 130 FNL	385 F.SL 97 30 FtvL 240	970 FEL OIL 2402 FEL OIL	30025366870 30025366910	000 11/2 000 7/12	12004 39	3900 8 5/8 @ 1122' CMT W/ 750 SX 3915 8 5/8 @ 1200' CMT W/ 550 SX	2 @ 3892' CMT W/ 790 SX 3692' CMT W/ 790 SX		393 1204 PERF 3778 - 3785 (Acud) 345 08/04 PERF 3672 - 3882 (Acud)
		+	20 5	36 E Z1 37 E 13	559 FSL 25	OFWL OIL	30025379350 30025381490	000 7/21	/2006 41	68 8 5/8 @ 395' CMT W/ 280 SX 90 8 5/8 @ 392' CMT W/ 300 SX.	@ 4168' CMT W / 1000 SX @ 3990' CMT W / 800 SX		Surface(09/06 PERF 3818 - 3918 (Acid) Surface(12/06 PERF 3744 - 3919 (Acid)
			5 20 S 36 19 S	37E 36E	110 FNL 23 50 FNL 133	35 FWL OL 10 FEL OL	30025381500 30025383130	000 11/5	72005 39	84 8 5/8 @ 395' CMT W/ 300 SX 50 8 5/8 @ 395' CMT W/ 350 SX.	@ 3984' CMT W / 750 SX @ 4060' CMT W / 1050 SX		Surface 12:06 PERF 3648 - 3882 (Acid) Surface 05:07 PERF 3602 - 3944 (Acid)
			19 20	36 E 25 37 E 25	570FSL 139 10FSL 142	BOFEL OL	30025383150	000 5/10	12007 40	2018 5/8 @ 395' CMT W/ 350 SX. 2018 5/8 @ 395' CMT W/ 400 SX.	@ 4096' CMT W / 1000 SX @ 4120' CMT W / 1250 SX		Surface 05/07 PERF 3839 - 4020 (Acted) Surface 05/07 PERF 3888 - 3902 (Acted)

		~		
Submit 3 Copies to Appropriate District Office	State of New Mexi Energy, Minerals and Natural Re			Form C-103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs NM 88241-1980	OIL CONSERVATIO	8	WELL API NO. 30-025-1	05640
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			STATE 6. State Oil & Gas Lease No.	E FEE X
SUNDRY NOT	ICES AND REPORTS ON WELL	S		
DIFFERENT RESE	OPOSALS TO DRILL OR TO DEEPEN O RVOIR. USE "APPLICATION FOR PERM - 101) FOR SUCH PROPOSALS.)	R PLUG BACK TO A /IT"	7. Lease Name or Unit Agreer	nent Name
1. Type of Well: OIL GAS WELL WELL	other Wa	ter Supply	B. V. CULP (NCT-A)	· · · ·
2. Name of Operator		ven	8. Well No.	
Chevron U.S.A. Inc.			8	
3. Address of Operator P.O. Box 1150, Midlan	d, TX 79702		9. Pool name or Wildcat WSW;SAN ANDRES	
4. Well Location Unit Letter F : 231	0 Feet From Tine NORTH	Line and223	9 Feet From The	WEST Line
Section 19	Township 19S Rar		NMPM LEA	County
	10. Elevation (Show whethe			
11. Check Ag	opropriate Box to Indicate I	Nature of Notice,	Report, or Other Da	ita
NOTICE OF I	NTENTION TO:	SUB	SEQUENT REPO	RT OF:
		REMEDIAL WORK		
		COMMENCE DRILLING	OPNS. DPLUG AND	
		CASING TEST AND CE	MENT JOB	
OTHER:		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 CICR @ 354'; SQZD 60 SX CMT BELOW CICR. PULLED OUT OF CICR & 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 signature	TITLE TECHNICAL ASSISTANT	date 10/28/97
TYPE OR PRINT NAME J. K. RIPLEY		TELEPHONE NO. (915)687-7148
(This space for State Use)	OIL & GAS INSPECTOR	ARR 2 3, 199
APPROVED BY Challe Kerri	TITLE	DATE A OV M
CONDITIONS OF APPROVAL, IF ANY:		the for the

Well : Area:		Г-А		Location : 2310' FNL, 2239' FW BHL: 2310' FNL, 2239' FW Spud Date 6/1/1994 End Date 10/28/1997	T-19S R- T-19S R-	37E Eleva	API 300250 TD 10931' tion: 3702' RKB:		
Directional	Sands /	Depth TVD	Completion	Casing Profile	Inc deg	Hole Size	Casing Details	Mud Wt. & Type	Max. I Sov
	Markers	0'	Info 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 Perf	416'							
		1961'	Pumped 500 sx of CMT					1	
						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'					Production Casing		
	Plug Casting Shoe	8770'				8 3/4"	5 1/2" CMT W / 990 SX Circ to Surface		
	Casting Siloe								

Submit 3 Copice		State of New M	exico		Form C-103
to Appropriate	Energy, Miner	als and Natural R	esources De	epartmen	t Revisiod 1-1-89
District Office	OIL CON	SERVATION	DIVISI	ON	
		P.O. Box 2088	,		
DICTORY I	Santa	Fe, New Mexi	co 87504-	2088	
DISTRICT I		T C, NEW MCA		2000	
P.O. Box 1980, Hobbs, NM 882 DISTRICT II	40			1	API NC. (assigned by OCD on New Wells)
P.O. Drawer Dd, Artesia, NM BE	3210				30-C25-05945
DISTRICT III					5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, Nr	87410				STATE X FEE
					6. State Oil & Gas Lease No.
					N/A
	SUNDRY NOTICES ANI	D REPORTS ON	WELLS		
(DO NOT USE	THIS FORM FOR PROPOSALS			UG BACK	
	DIFFERENT RESERVOIR. USE	APPLICATION FO	PERMIT"		G. C. MATTHEWS
	(FORM C-101) FOR SUC	PROPOSALS.)			
1. Type of Well:	0.10				
line fraid					
2. Name of Operator					8. Well No.
CHEVRON	U.S.A. INC.				4 9. Poci name or Wildcat
3. Address of Operator	AND TY 79702 ATTN				
4. Well Location	_AND, TX 79702 ATTN				
Unit Letter	I : 1980 Fe	t From The	SOUTH	Line and	660 Feet From The EAST Line
Section 6	То	wnehip 20S		Range	37E NMPM LEA County
	10	Elevation(Show whe	ther DF, RKB, R	T, GR, etc.)	
			3567' GL		
11	Check Appropriate Box to	Indecate Nature of	Notice, Repo	rt, or Othe	ar Data
NOTICE OF	INTENTION TO:	1	SUBSEC	UENT R	EPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL	WORK		ALTER CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENC	E DRILLING OPI	NS.	PLUG AND ABAN.
		J	ST AND CMT J		
PULL OR ALTER CASING		-	SA AND CHAIJ		
OTHER:		OTHER:			
<u></u>	· · · · · · · · · · · · · · · · · · ·				
	pleted Operations(Clearly state all pe y proposed work) SEE RULE 1103.	rtinent details, and give	pertinent dates	, including	
	Y proposed work acc noce 1103.				

WORK STARTED 05/04/94 SET CIRP @3276' SPOT 25 SX CMT ON TOP

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.

1

I hereby certify therebe information above to and complete to the best of my knowledge and belief. SIGNITURE TECH. ASSISTANT	DATE:	05/11/94
TYPE OR PRINT NAME WENDI KINGSTON	TELEPHONE	NO. (915)687-7436
APPROVED BY Charleterre TULE	DATE	

() M¹⁹¹

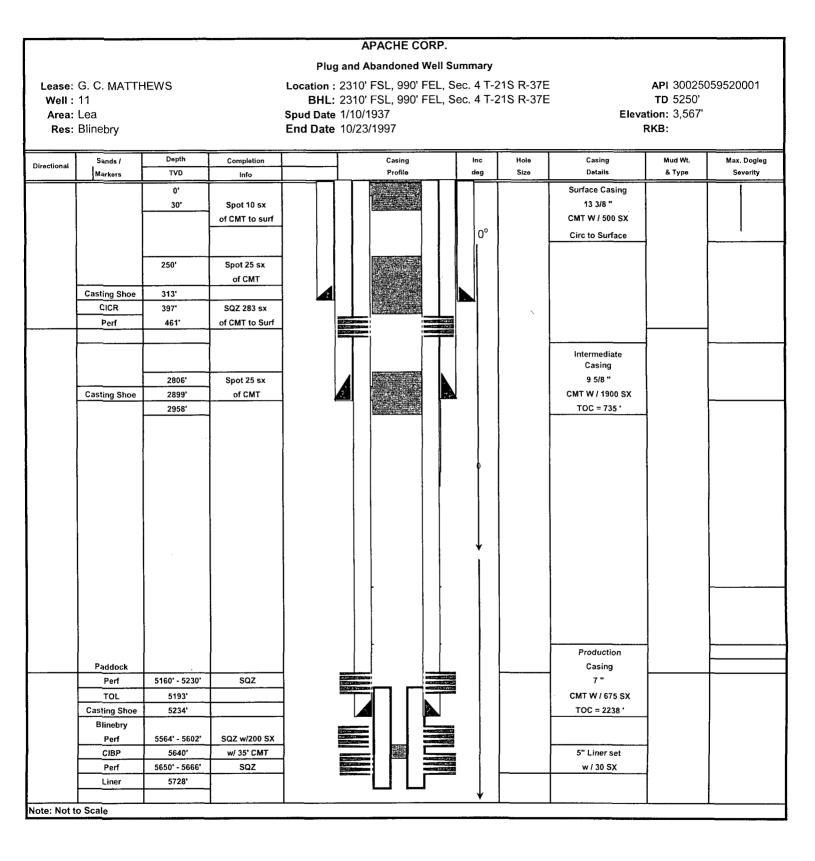
Lease: G. C. MATTHEWS Well : 4 Area: Lea Res: Grayburg				Location : BHL: Start Date End Date		' FEL, Se ' FEL, Se	Eleva	API 30025 TD 3897' ation: 3567' RKB:	0594500		
Directional	Sands /	Depth	Completion		Casing		Inc	Hole	Casing	Mud Wt.	Max. (
	Markers	TVD	Info	╞────┪	Profile	a 1 -	deg	Size	Details	& Type	Sev
		<u>0'</u> <u>30'</u>	Spot 10 sx of CMT to Surface				0°	13 3/4"	Surface Casing 10 3/4 " CMT W / 200 SX Circ to Surface		
ĸ	Casting Shoe	250' 297'									
	Perf	350'	SQZ 75 sx of Cement								
								9 7/8 "	Intermediate Casing		
	Costing Shap	2091'	Spot 25 sx of Cement						7 5/8 " CMT W / 400 SX		
	Casting Shoe	2342	of Cement						Circ to Surface		
	CIBP	2973' 3276'	Spot 25 sx of Cement								
	Perf	3412' - 3763'									
	Grayburg			4							
	Perf	3730' - 3763'	SQZ, 83 sx CMT	4						4	
		3783'	Plugback	1				1	Production Casing	1	1
	Casting Shoe	3815'	1						5 1/2"		
	Open Hole	3897'	1					6 3/4 "	CMT W / 175 SX		

Submit 3 Copies		of New Mexico Natural Resources Departme	Form C-103 Bht Revisied 1-1-89
to Appropriate			STIL Revising 1-1-58
District Office		ATION DIVISION	
		lox 2088	
DISTRICT I	Santa Fe, N	ew Mexico 87504-2088	
P.O. Box 1980, Hobbe, NM 88240			
DISTRICT II			API NO. (assigned by OCD on New Wells)
P.O. Drawer Dd, Arteeia, NM 8821	0		30-025-05952
DISTRICT III			5. Indicate Type of Lease
1000 Rie Brazes Rd., Aztec, Nm 87	7410		STATE X FEE
			8. State Oil & Gas Lease No.
			N/A
S	UNDRY NOTICES AND REPO	ORTS ON WELLS	
-			X 7. Lesse Name or Unit Agreement Name
	IFFERENT RESERVOIR. USE "APPLI		G. C. MATTHEWS
	(FORM C-101) FOR SUCH PROPO		
1. Type of Well:			
OIL	GAS		
WELL X	WELL OTHER		
2. Name of Operator			B. Well No.
CHEVRON U.	S.A. INC.		11
3. Address of Operator			8. Pool name or Wildcat
the second se	ND, TX 79702 ATTN: NITA	RICE	EUNICE MONUMENT
4. Well Location Unit Letter	: 2310 Feet From T	he SOUTH time and	990 Feet from The EAST Line
Section 6	<u>2010</u> Post Huil 1	20S Range	37E NMPM LEA County
		on(Show whether DF, RKB, RT, GR, et	
		3558' GR	
11	Check Appropriate Box to Indecate		har Duta
	TENTION TO:	SUBSEQUENT	
PERFORM REMEDIAL WORK			
	CHANGE PLANS	COMMENCE DRILLING OPNS.	
TEMPORARILY ABANDON		1 1	PLUG AND ABAN. X
PULL OR ALTER CASING		CASING TEST AND CMT JOB	
OTHER:		OTHER:	
4.0 Days its Days and a Complete		antin and size environmentations. In structure	

 Describe Proposed or Completed Operations(Clearly state all pertinent details, and give pertinent dates, incl esticated 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.

	012				
I hereby certify the fire in the second significant si		TTRLE	my knowledge and belief. TECH. ASSISTANT	DATE:	05/12/94
TYPE OR PRINT NAME		ON	· · · · · · · · · · · · · · · · · · ·	TELIPHONE N	io. (915)687-7436
	1 D	OIL (· · · •	14 N S S S 44
APPROVED BY CALL	Mc/ani	TITLE		DATE	
CORDITIONS OF APPROVAL, I					



	strict	State of New M	lexico		Form C-1
Office District I	Energy,	Minerals and Nat	tural Resources		Revised March 25, 1
1625 N. French Dr., Hobbs, NM 872 District II			NDRATON	WELL API NO. 30-025-36267	
1301 W. Grand Avenue, Artesia, NM	M OIL C	ONSERVATION		5. Indicate Type of	of Lease
88210 <u>District III</u>		2040 South Pac		STATE C	FEE 🕅
1000 Rio Brazos Rd., Aztec, NM 87 District IV		Santa Fe, NM 8	87505	6. State Oil & G	as Lease No.
2040 South Pacheco, Santa Fe, NM	NOTICES AND RE	PORTS ON WELL	<u> </u>	7 Lesse Name or	Unit Agreement Nan
(DO NOT USE THIS FORM FOR I DIFFERENT RESERVOIR. USE " PROPOSALS.)	PROPOSALS TO DRILL	OR TO DEEPEN OR P	LUG BACK TO A	7. Louse Maine of	
1. Type of Well: Oil Well Gas W	Vell 🔲 Other	r		Bertha Barber	·
2. Name of Operator				8. Well No.	
Matador Operating Company	у		· · · · · · · · · · · · · · · · · · ·	9. Pool name or V	Vildent
3. Address of Operator 8340 Meadow Road #150 I	Dallas TX 75231			Monument; Tubb	vildcat
4. Well Location	<u>Janus, 171 75251</u>				
Unit Letter <u>N</u>	<u> </u>	et from the <u>South</u>	1line and	<u>1760</u> feet fro	m the <u>West</u>
Section		Township 19S			Lea Coun
		tion (Show whether I	DR, RKB, RT, GR, e	etc.)	
	GR: 3559	and the second			
				, Report or Other	
		1			
PERFORM REMEDIAL WO		ABANDON KI	REMEDIAL WC		ALTERING CASING
TEMPORARILY ABANDON	CHANGE F	'LANS	COMMENCE D	RILLING OPNS. 🗌	PLUG AND ABANDONMENT
PULL OR ALTER CASING			CASING TEST CEMENT JOB	AND	
OTHER:			OTHER:		
12 D				d give pertinent dates,	
12. Describe proposed of c of starting any proposed or recompilation.	13 ⁴ 12:314:15		L		or proposed completi
of starting any proposed	d work). SEE RULE		L		or proposed completi
of starting any proposed or recompilation.	13 ⁴ 12:314:15		-		
of starting any proposed or recompilation.	JUL Hobbs		тне с Омм	ISSION MUST BE NO	DTIFIED 24
of starting any proposed or recompilation.	JUL 5			ISSION MUST BE NO	DTIFIED 24 INING OF
of starting any proposed or recompilation.	JUL Hobbs			ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR	DTIFIED 24 INING OF
of starting any proposed or recompilation. **See attachment**	JUL Hobbs OCD	ED	THE COMM HOURS PRI PLUGGING TO BE APPF	ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR ROVED.	DTIFIED 24 INING OF
of starting any proposed or recompilation. **See attachment** I hereby certify that the info	JUL Hobbs OCD	ED e and complete to th	THE COMM HOURS PRI PLUGGING TO BE APPF	ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR OVED. edge and belief.	DTIFIED 24 INING OF THE C-103
of starting any proposed or recompilation. **See attachment** I hereby certify that the info	JUL Hobbs OCD	ED e and complete to th	THE COMM HOURS PRI PLUGGING TO BE APPF	ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR OVED. edge and belief.	DTIFIED 24 INING OF
of starting any proposed or recompilation. **See attachment** I hereby certify that the info SIGNATURE	JUL Hobbs OCD	ED e and complete to th TITLESr	THE COMM HOURS PRI PLUGGING TO BE APPF are best of my knowl r. Regulatory Analy Telephor	ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR OVED. edge and belief. stI ne No. 214 987-7174	DTIFIED 24 INING OF THE C-103
of starting any proposed or recompilation. **See attachment** I hereby certify that the info SIGNATURE	JUL Hobbs OCD	ED e and complete to th TITLESr	THE COMM HOURS PRI PLUGGING TO BE APPF are best of my knowl r. Regulatory Analy Telephor	ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR OVED. edge and belief. stI ne No. 214 987-7174	DTIFIED 24 INING OF THE C-103
of starting any proposed or recompilation. **See attachment** I hereby certify that the info SIGNATURE	JUL Hobbs OCD	ED e and complete to th TITLESr	THE COMM HOURS PRI PLUGGING TO BE APPF are best of my knowl r. Regulatory Analy Telephor FIELD REPRESENT/	ISSION MUST BE NO OR TO THE BEGIN OPERATIONS FOR OVED. edge and belief.	DTIFIED 24 INING OF THE C-103

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 State of New Me.					
District I 1625 N. French Dr., Hobbs, NM 88240 Energy, Minerals and Natur	ral Resources Revised May 08, 2003 WELL API NO.				
District II OIL CONSERVATION	DIVISION 30-025-36267				
District III 1220 South St. Fran	5 Indicate Lyne of Lease				
1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 87					
1220 S. St. Francis Dr., Santa Fe, NM 87505					
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLU DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FO	JG BACK TO A				
PROPOSALS.)	8. Well Number				
1. Type of Well: Oil Well Gas Well Other	022				
2. Name of Operator Matador Operating Company	9. OGRID Number 14245				
3. Address of Operator 8340 Meadow Road #150, Dallas,	TX 75231 10. Pool name or Wildcat Monument; Tubb				
4. Well Location					
Unit Letter N : 670 feet from the South	line and 1760 feet from the West line				
	inge 37E NMPM County Lea				
11. Elevation (Show whether DR, 3559 GR					
12. Check Appropriate Box to Indicate N					
	SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING				
PULL OR ALTER CASING MULTIPLE COMPLETION	CASING TEST AND				
OTHER:	OTHER:				
	Il pertinent details, and give pertinent dates, including estimated date le Completions: Attach wellbore diagram of proposed completion				
7-16-03 HAD "O" PRESSURE ON WELL. HOOK UP HALLIBURTON, DISPLACE HOLE W/ 10# BRINE CMT W/ 5 Bbi FRESH WATER AHEAD & 35 sx PREMIUM PLUG + 3% C.C. ppg 14.8 - Yid 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 TO TO 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. RELEASE 2003 RIG.					
**As Information - Tom Brown, Inc. (023230) took over op	erations 7/1/03. Currently WO Op Change from OCD Hebbs OCD				
I hereby certify that the information above is true and complete to the b	est of my knowledge and belief.				
SIGNATURE ILLE RICHARDER TITLE RICHARDER	egulatory Reporting Supervisor DATE 9/8/03				
Type or print name Kelli Werner	Telephone No. (432) 688-9446				
(This space for State use) APPPROVED BY Lange Uink TITLE	REPRESENTATIVE II/STAFF MANADORTE				
Conditions of approval, if any:					
V	Approved of to physics of the WALL Barry				

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

Lease: Well : Area: Res:	Lea	RBER	5	Location : 6 BHL: 6 Spud Date 6 End Date 9		Sec.15 T Sec.15 T	-21S R-376 -21S R-376	Eieva	API 300253 TD 6800' ation: 3559' RKB:	362670000
irectional	Sands /	Depth	Completion		Casing	Inc	Hole Size	Casing	Mud Wt.	Max. Dogleg
	Markers	0'	Info Surface Plug 25 sx CMT		Profile	deg	Size	Details Surface Casing 8 5/8 " CMT W/ 580 SX	& Туре	Severity
	Plug # 6	400'	35 sx CMT			0°		Circ to Surface		
:						0				
						Ì			-	
		1052'								
	Casting Shoe Plug # 5	<u>1234'</u> 1317'	75 sx CMT							
		2292'	32 ft of CMT							
	Plug # 4	2400' - 2600'	50 sx CMT							
	Plug # 3	3150' - 3350'	50 sx CMT							
	Plug # 2	5150' - 5350'	50 sx CMT							
	Plug # 1	6800'	35 sx CMT TD							

APACHE CORP.

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Submit 3 Copies to Appropriate District Office		State of New Me s and Natural Re	exico esources Department		Form C-103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II	204	SERVATIC 40 Pacheco St. Inta Fe, NM 87	N DIVISION	WELL API NO. 30-025-0591	· · · · · · · · · · · · · · · · · · ·
P.Q. Drawer DD, Artesia, NM 88210				sIndicate Type of Lo	
<u>DISTRICT III</u> 1000 Rio Brazos Rd., Aztec, NM 87410				•State Oil & Gas Le 033250	
(DO NOT USE THIS FORM FOR PF DIFFERENT RESE	TICES AND REPO ROPOSALS TO DRILL ERVOIR. USE "APPLIC C-101) FOR SUCH PR	OR TO DEEPEN	OR PLUG BACK TO A		nit Agreement Name
Type of Well: OIL GAS WELL M WELL		OTHER			
2Name of Operator Marathon Oil Company				*Well No. 6	· · · · · · · · · · · · · · · · · · ·
Address of Operator P.O. Box 2490 Hobbs, New Mex	ico 88241			Pool name or Wik Eurnont, Yate	lcat s, 7 Rivers, Queen
√Well Location Unit Letter <u>L</u> : <u>1980</u>	_ Feet From The	South	Line and 660	Feet From Th	e West Line
Section 5	Township	20-S F	Range 37-E	NMPM	Lea County
	10Elevation	Show whether DF, KB 3570		141411-141	
¹¹ Check A			ature of Notice, Re	eport, or Other	Data
			1	SEQUENT R	
	PLUG AND AB		REMEDIAL WORK	П	ALTERING CASING
	CHANGE PLA	NS	COMMENCE DRILLING		PLUG AND ANBANDONMENT
PULL OR ALTER CASING		·	CASING TEST AND CEN		• • • • •
OTHER:		🗆	OTHER:		
¹² Describe Proposed or Completed Operati work) SEE RULE 1103.	ions (Clearly state all perti	inent details, and give	l e pertinent dates, including e	estimated date of start	ing any proposed
03/18/99Notify OCD of intent to 03/19/99MIRU, TIH w/7" CICR, 03/22/99Okayed by OCD to pur w/2 % CaCl in last 15 03/23/99Plug fm 2884-3349' (c out @ 1173', Mix and	, retainer set @ 1235 mp cement from 123 0 sx, SION calculated), pumped f circulate mud to sur 002', perf @ 192', br n head, leave 7" full, f	5' below retainer 58 bbls & test @ face, perf @ 115 reak circulation o RDMO		@ 1235', reverse to perfs, spot 25 s	
I hereby certify that the information above	is true and complete to th	ie best of my knowled	dge and belief.		
\sim	e Bett	Ti	TLE Supervisor, Key Ene	ergy, P&A Division	DATE 03-25-99 TELEPHONE NO. (915) 523-5155
SIGNATURE Zerry McBeth			TLE Supervisor, Key Ene	ergy, P&A Division	DATE 03-25-99 TELEPHONE NO. (915) 523-5155
SIGNATURE Zerry McBeth			TLE Supervisor, Key Ene	ergy, P&A Division	·····

. . . update tuis w/ Pg H scpart 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 DEC 1936: Drilled to 3890'. WELLBORE DIAGRAM CURRENT Completed OH from 3817' to TD. Acldized w/ 2000 gals, KB: 3570' MAY 1939 Acidized DH 10 sack surface she so in/4 3559' 61 : w/ 2000 gals. JUL 1954: Installed rods, pump and pumping unit. JAN 1965 Acidized DH 13", 40#/ft, w/ 250 gals. cosing set at 141'. Cemented w/ 125 sks, DEC 1975: Shut well in. circulated to surface. NOV 1983: Set CIBP at 3816'. Selectively perforated from 3730' - 3808' w/ 2 JSPF (34 holes). 9-5/8", 36#/ft, Acidized w/ 1600 gals 15% HCl. casing set at 1105'. Tested 100% water. Cemented w/ 500 sks. circulated to surface. Set cmt retainer at 3715'. 4 \$ shoe 50 m/ 5000 Cmt sqz'd w/ 150 sks. nf Selectively perforated from 3606' - 3674' w/ 2 JSPF (18 holes). Acidized w/ 1500 gals 15% HCL Law **U**pen-Hole: 2100 Tested 99% water. 3890' - 3817' Below CIBP 3816' CIBP w/ cmt Set CIBP at 3598'. 420 Selectively perforated from Perforations: 3504' - 3574' w/ 1 JSPF (12 holes). Grayburg / San Andres Acidized w/ 1200 gals 15% HCl. Tested 100% water. 3730' - 3808' Cmt'd below Retaine 3715' Cmt Retainer Shut well in. 3606' - 3674' Below CIBP 3598' CIBP w/ cmt DEC 1988: Set CIBP at 3460' and 3504' - 3574' Below CIBP dump 2 sk of cmt on top of plug. 3460' CIBP w/ cmt Selectively perforated from 3133' - 3349' w/ 1 JSPF (53 holes). Eumont Acidized w/ 6000 gals 15% HCl. 1 JSPF (51 holes) Tested 168 MCF/D & 46 BWPD. 3133' - 3349' Set CIBP at 3228'. Did not regain gas production. DEC 1992: Drill out CIBP at 3228'. Swab tested. \sim CIBP @ 3460' and Acidized w/ 1000 gals 15% HCl. top of cmt @ 3429' Swab tested. Shut well in, CIBP @ 3598' FEB 1993: Swab Test well. w/ cmt on top Ran pump & rods. DCT 1993: Shut well in. Cmt'd w/ 150 sks APR 1998: Tubing parted while PDDH, LD 16 jts, w/ Retainer at 3715' Fished for 5 days CIBP @ 3816' recovered 29 jts. w/ cmt on top Left 57 its in hole with top of fish at 2128'. 7*, 24 #/ft, casing set at 3817'. Cemented w/ 400 sks. Estimated TOC from PBTD: 3429' CIBP w/ cmt GR-CBL-CLL at 2200'. 3890' TD:

Submit 3 Copies To Appropriate District Office	State of I Energy, Minerals				Revised	Form C-103 d March 25, 1999
<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240	Energy, winterais a	anu Natu	Tal Resources	WELL API NO.		<u></u>
District II	OIL CONSERV		DIVISION	30-025-35945		
1301 W. Grand Ave., Artesia, NM 88210				5. Indicate Type	of Lease	
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South			STATE [ee 🛛
District IV	Santa Fe	e, NM 87	505	6. State Oil & C	as Lease	No.
1220 S. St. Francis Dr., Santa Fe, NM					•	
87505 SUNDRY NOT	CES AND REPORTS ON	J WELLS		7. Lease Name of	r Unit Agi	eement Name
(DO NOT USE THIS FORM FOR PROPO				7. Deuse Rume of	omengi	content runne.
DIFFERENT RESERVOIR. USE "APPLIC	CATION FOR PERMIT" (FORM	M C-101) FC	OR SUCII	Bertha Barbe	er	
PROPOSALS)						
1. Type of Well:	Other					
Oil Well Gas Well	Other	·····	······································	8. Well No.		
2. Name of Operator Matador Operating Compar	5 7 7			20		
3. Address of Operator	<u>y</u>			9. Pool name or V	Wildcat	
310 W. Wall, Suite 906, Midl	and Texas 79701			9. 1 001 name of 1	mucat	
4. Well Location				1		
4. Well Docation						
Unit Letter <u>E</u> :	1840 feet from the Nor	th	line and 660	feet from the	We	est line
						mile
Section 5	Township	20-S	Range 35-	E NMPM	Lea	County
	10. Elevation (Show w				in in the	
	3558 GF					
11. Check A	Appropriate Box to Inc	dicate N	ature of Notice,	Report or Other	Data	
NOTICE OF IN				SEQUENT RE		OF∙
PERFORM REMEDIAL WORK			REMEDIAL WOR			
			-			
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DR	ILLING OPNS.	PLUG AN	ND 🛛
					ABANDC	ONMENT
PULL OR ALTER CASING			CASING TEST A	ND 🗌		
	COMPLETION		CEMENT JOB			
OTHER:			OTHER:			
12. Describe proposed or complete	d operations (Clearly sta	te all perti	nent details and o	ive nertinent dates i	ncluding (estimated date of
starting any proposed work). S						
recompilation.	SE ROLE TIOS. TOT MUI	upic com	pietions. Futuen w	enoore diagram of p	Toposeu e	ompication of
(ceoniphation.						
12/30/02 Notified OCD, Sylvia Dicke	y. MIRU Triple N rig #25.	Opened v	well, flowed 1 hrs, v	vould not flow down.	RU cem	enter and pumpe
50 bbls brine down casing to kill well						
12/31/02 Notified OCD, Buddy Hill. Pumped 25 sx C cmt 3,245 - 2,865'.	Set CIBP @ 5,673', Pump	ed 45 sx (C cmt 5,673 - 4,98	9'. WOC 3 ¹ / ₂ hrs. Ta	igged cmt	@ 5,072'.
circulated 80 sx C cmt 1,264' to surfa	Pumped 25 SX C cmi 2,5 ace POOH w/ the and for	00 - 1,020	ellhore w/ 10 sx C	rmt	1,204 . LO	baded note and
				onna.		
Cut off wellhead and installed dryhol	e marker. Cut off anchors	. leveled p	it and cellar.		2 M	
					الدينية. المدينة	
	Approved as to plugg	-				1.11
	Liability under bond i	s retained	d until			
	surface restoration is	complete	ed			
	1					
Thereby certify that the information	above is true and complet	e to the be	est of my knowledg	ge and belief.		
Mr. 7						
SIGNATURE .			Engineer		_DATE	1/7/03
Type or print name James F. N	lewman, P.E.			Talank	one No	915-687-1994
	Critian, I.E.			i ciepii	one ino.	710-00/-1994
(This space for State use)		λ.			110	1
APPPROVED BY	Mary W. Weg	anti-				N 22780
Conditions of approval. if any:	Mary W. Wink	· · · · · · · · · · · · · · · · · · ·	·····			
1 · · · · · · · · · · · · · · · · · · ·		• •	ーー・イトモー ムナム わしんりしゃ	RC		

- - ---- CLILAIRE

					APACHE COI						
Lease: Well : Area: Res:	Lea	BER		Location :		L, Se	c. 5 T-	20S R-37E 20S R-37E	Eleva	API 300253 TD 6714' ition: 3568' RKB:	59450000
Directional	Sands /	Depth TVD	Completion		Casing Profile		Inc	Hole Size	Casing	Mud Wt.	Max. Dogleg
	Plug	0.	Info Topped off wellbore with 10 sx CMT				0°	5120	Details Surface Casing 8 5/8 " CMT W/ 560 SX Circ to Surface	& Type	Severity
	Casting Shoe Plug	1212'	Circ 80 sx of CMT to surface				0				
	Plug	2300'	Pumped 25 sx of CMT Pumped 25 sx								·
		3245'	of CMT Pumped 45 sx								
	CIBP Tubb Perf	5673' 6106' - 6108'	of CMT						Production Casing 4 1/2" CMT W/ 1000 SX		
	Casting Shoe	6714'					↓		TOC = 616'		

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.

	FOD / SURFACE DATA REPORT 12/05/2007		quarters are	(quarters are 1=NW 2=NE 3=SW 4=SE)									
	(acre ft per annum)	,	(quarters are	(quarters are biggest to smallest	X Y are in Feet		UTM are in Meters)	n Meters)		Start	Finish	Depth D	Depth
(11 FEET) DP 5416 Nhr 1120	nimeration ferman	Todmin Und	entitop	First Sec. 2 and Sec.	Y and	>	ono? Witt	Reating 1	Northing	Date	Date	Well Wa	Water
DRO		L 01262				ı	13		3612392				
	0 GULF OIL CORPORATION	L 01270	1				13		3609574				
01279 PRO	0 GULF OIL CORPORATION	L 01279		19S 36E 24 2 1 4			13	659013	3613804				
02131 COM	30 THE TEXAS COMPANY	L 02131 DCL	Shallow	19S 36E 24 4 2			13	659329	3613106				
		L 02131 S	Shallow	19S 36E 24 4 4			13	659335	3612704				
		L 02131 S 2	Shallow	19S 36E 24 4 4			13	659335	3612704				
02612 IND	0 VERSADO GAS PROCESSORS, LLC	L 02612	Shallow	19S 36E 24 3 2 2			13	658624	3613192				
02613 IND	0 VERSADO GAS PROCESSORS, LLC	L 02613		19S 36E 24 3 2 4			13	658624	3612992				
02614 IND	0 VERSADO GAS PROCESSORS, LLC	L 02614	Shallow	19S 36E 24 3 2 2			13	658624	3613192				
04716 DOM	3 CLIMAX CHEMICAL COMPANY	L 04716	1				13	658376	3609656				
		L 04716 APPRO EXP	TXP	19S 36E 36 3			13	658376	3609656				
04772 EXP	3 CLIMAX CHEMICAL COMPANY	L 04772 EXPL	Shallow	19S 36E 24			13	658731	3613286	2/18/1961	12/28/1961	130	70
11029 POL	3 CHEVRON USA INC	L 11029	Shallow	19S 36E 24 4 2			13	659329	3613106	0/14/1999	10/14/1999	75	59
	3 CHEVRON USA INC	L 11029					13	659329	3613106	.0/14/1999	10/14/1999	75	59
11031 POL	3 CHEVRON USA INC	L 11029	Shallow				13	659329	3613106 3	.0/14/1999	10/14/1999	75	59

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POD / SURFACE	POD / SURFACE DATA REPORT 12/05/2007	[2/05/2007	(qua	rters are	(quarters are 1=NW 2=NE 3=SW 4=SE)		71111	mmu are in Matera	Ĩ	0 1 1	40 i n i n	tent T	Denth
(in feet)	acre it ber annum/		העם 1		TRATING ON JEANSTRAIL	1007 TT ATD I V	810						
DB File Nbr	Use Diversion	Owner	POD Number	Source	Tws Rng Sec q q q	ZOD6 X	Y UTM	UTM_ZODe Easting	g Northing	Date	Date	Well W	Water
L 01248	PRO	0 GULF OIL CORPORTION	L 01248				H	659623	,				
г 01271	MOG	3 OSCAR E. GROVE	L 01271 EXP		19S 37E 31 2 2 4		ਜ	661059	en .				
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г 03938	MOD	3 ROBERT L. PATE	L 03938 S	Shallow	19S 37E 32 4		1	662386		09/04/1958	09/05/1958	40	25
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L 04153	MOG	3 A. G. WATSON	L 04153				1	662373					
		. 41	L 04153 APPRO EXP				1:	662373					
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			L 04313 APPRO S	Shallow	37E		0 H	659718		10/23/1959	10/23/1959	116	52
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02553 APPRO
02801 3 2220
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03810 APPRO
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L 04619
L 09779

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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
Attachment	t s: 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?

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Affidavit of Publication

) ss.

)

STATE OF NEW MEXICO

COUNTY OF LEA

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertisting 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 LOV-

INGTON LEADER and not in any supplement thereof, for

<u>orle(1) day</u>, beginning with the issue of <u>January 10</u>, 2008 and ending with the issue of <u>January 10</u>, 2008.

And that the cost of publishing said notice is the sum of $\frac{33.44}{2}$ which sum has been (Paid) as Court Costs.

Subscribed and sworn to before me this 17th duy f

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 Mexico New ∵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 20 Township 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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Search Results

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	PS Form 3800, August	2006 . 7	See Reverse for Instructions				

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 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A Sanatore el Agente X El Addressee B. Received by (Printed Name) JA pare at Delivery 1
1. Article Addressed to:	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
XTO Energy Inc 810 Houston St. Fort Worth, TX 76102-6298	
ATTN: Land Department	3. Service Type State State State Registered Return Receipt for Merchandise Insured Mail C.O.D.
2. Article Number	4. Restricted Delivery? (Extra Fee)
(Transfer from service label) 7007 26	80 0001 1843 7985
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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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Huff Jack, Oil & Gas Produce 4000 N. Big Spring St., Suit Midland, TX 79710-0190	
ATTN: Mr. Chris Huff	3. Service Type S. Certified Mail Express Mail Image: Service Type Image: Service Type
	4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service label) 7007 2	68D 000l l843 7923
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item 4 if Restricted Delivery is desired.	A Signature
 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. 	B. Received by (Hinted Name) C. Date of Delivery
1. Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
ConocoPhillips Co. 600 N. Dairy Ashford Houston, TX 77252-2197	
ATTN: Mr. Tom Scarbrough	3. Service Type S Certified Mail Express Mall Registered S Return Receipt for Merchandise Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee) Yes
2. Article Number (Transfer from service label) 7007 2680	0001 1843 7961

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Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	A Signature	
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or on the front if space permits.	D. Is delivery address different from item /? Yes	
	If YES, enter delivery address below: 🛛 No	
Oxy USA WTP Limited 5 Greenway Plaza, Suite 110 Houston, TX 77046		
ATTN: Mr. Mark E. Hodge	3. Service Type	
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item 4 if Restricted Delivery is desired. Print your name and address on the reverse	Addressee	
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Marathon Oil Co.		
P.O. Box 4814 Houston, TX 77210-4814	v.	
ATTN: Permian Basin Unit	3. Service Type Source Type Certified Mail Registered Return Receipt for Merchandise	
	Insured Mail C.O.D. A. Restricted Delivery? (Extra Fee) Yes	
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	eturn Receipt 102595-02-M-1540	
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 Attach this card to the back of the mailpiece, or on the front if space permits. 	B. Received by (Printed Name) C. Date of Delivery D.1. GRATC 1-14-08	
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Chevron U.S.A., Inc		,
11111 South Wilcrest Houston, TX 77099		
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1. Article Addressed to: New Mexico Oil Conservation D 20 South St. Francis Drive Santa Fe, NM 87505	 D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
ATTN: Mr. William V. Jones	3. Service Type Ø Certified Mail Express Mail Ø Registered Ø Return Receipt for Merchandise Insured Mail C.O.D. 4. Restricted Delivery? (Extra Fee) Yes
2. Article Number 7007 268 (Transfer from service label)	0 0001 1843 7992
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 SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Jimmy T. Cooper Star Route A, Box 55 Monument, NM 88265 	COMPLETE THIS SECTION ON DELIVERY A. Signature B. Received by (Printed Name) C. Date of Delivery C. Date of D
	A Registered SQ Return Receipt for Merchandise Insured Mail C.O.D. K. Restricted Delivery? (Extra Fee) Yes
2. Article Number 7007 268 (Transfer from service label)	0 0001 1843 7909
PS Form 3811, February 2004 Domestic Ret	turn Receipt 102595-02-M-1540
 SENDER: COMPLETE THIS SECTION. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: 	A. Signature X. Station on Delivery B. Received by (Printed Name) C. Date of Delivery J. Is delivery address different from item 1? Yes If YES, enter delivery address below:
Cimarex Energy Co. 508 W. Wall Street, Suite 600 Midland, TX 79701	3. Service Type
ATTN: Mr. Don McClung	Certified Mail Express Mail Registered IS Return Receipt for Merchandise Insured Mail C.O.D. Restricted Delivery? (Extra Fee) Yes
2. Article Number 7007 268 (Transfer from service label)] 0001 1843 7916

Page 1 of 1

Jones, William V., EMNRD

From:	Jones,	William	۷.,	EMNRD
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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 additonal 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?

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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

2/048 Subject: FW: WFX Application: North Monument Grayburg San Andres Unit - Wells 513, 1005, 1401, 2001, 2104

Will.

all 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

STILL Too Many C 2/27/08

THE THE

-----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; Pearcy, 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; Pearcy, 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 additonal bonds to Dorothy Phillips in Santa Fe. Rule 40 is catching lots of operators since the first of this year.

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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 our 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