

DATE IN 10.17.11	SUSPENSE	ENGINEER T.W	LOGGED IN 10.17.11	TYPE WFX	APP NO. 1129051521
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PTGW

ABOVE THIS LINE FOR DIVISION USE ONLY

EMSU #111 API No. 30-025-02683

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



XTO 5380

OCT 17

ADMINISTRATIVE APPLICATION CHECKLIST 30-025-06283

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 _____

30-025-06283

F-30-205-37E

- [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,
- [F] Waivers are Attached

3634' - 3891'

R-7766

[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.

Sharon Hindman
 Print or Type Name

Sharon Hindman
 Signature

Regulatory Analyst
 Title

10/14/2011
 Date

sharon.hindman@xtoenergy.com
 e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage _____
Application qualifies for administrative approval? Yes _____ No

II. OPERATOR: XTO Energy, Inc.

ADDRESS: 200 N. Loraine, Ste. 800 Midland, TX 79705

CONTACT PARTY: Sharon Hindman PHONE: 432-620-6741

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? Yes _____ No
If yes, give the Division order number authorizing the project: R-7766

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. SEE ATTACHED

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. SEE ATTACHED

VII. Attach data on the proposed operation, including: ATTACHED

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 geological data on the injection zone including appropriate lithologic detail, geological 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. ATTACHED

IX. Describe the proposed stimulation program, if any. ATTACHED

*X. Attach appropriate logging and text data on the well. (If well logs have been filed with the Division they need not be submitted).

*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. ATTACHED

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 source of drinking water. ATTACHED

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: Sharon Hindman TITLE: Regulatory Analyst

SIGNATURE: Sharon Hindman DATE: 10/14/2011

EMAIL: sharon.hindman@xtoenergy.com

* If the information required under Section VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstance 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: ATTACHED

- (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. EUNICE MONUMENT; GRAYBURG-SAN ANDRES
- (2) The injection interval and whether it is perforated or open-hole. 3634' - 3684' Perforated
3726' - 3891' OH
- (3) State if the well was drilled for injection or, if not, the original purpose of the well. OIL WELL PRODUCER
- (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. SEE WELLBORE DIAGRAM
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.
Next Higher is Penrose - Top is @ 3438' & Next Lower is San Andres - Top of SA is @ 3911'.

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. ATTACHED

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: ATTACHED

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

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

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

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8 Lining Material: IPC

Type of Packer: 6 5/8" Injection (Tension) Pkr.

Packer Setting Depth: 3500

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? Oil Producer

2. Name of the Injection Formation: Grayburg

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

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. See wellbore diagram

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

San Andres @ 3911' Below

Penrose @ 3438' Above

INJECTION WELL DATA SHEET

OPERATOR: XTO Energy, Inc.

WELL NAME & NUMBER: Emice Monument South Unit #111

WELL LOCATION: 1980' FWL & 1900' FWL
FOOTAGE LOCATION

UNIT LETTER F

SECTION 30

TOWNSHIP 20-S

RANGE 37-E

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole size: 17 1/2 Casing size: 12 1/2

Cemented with: 200 sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole size: 11 Casing size: 8 5/8

Cemented with: 600 sx. or ft³

Top of Cement: 300 Method Determined: TS

Production Casing

Hole size: 7 3/4 Casing size: 6 5/8

Cemented with: 100 sx. or ft³

Top of Cement: 2679 Method Determined: Calculated

Total depth: 3891

Injection Interval

3634 feet to 3891

(Perforated or Open Hole; indicate which)

XTO Energy, Inc.
Eunice Monument South Unit #111W
API No. 30-025-06283
Section 30, T-20S, R-37E
Lea County, New Mexico
C-108 (Application for the Authorization to Inject)

VII. Data For Proposed Operation

1. Proposed Daily Rate & volume of fluids to be injected;

Maximum: 2000 BWPD

Average: 1000 BWPD

2. Open or Closed System: Closed

3. Proposed average and maximum injection pressure:

Maximum: 710 psig

Average: 710 psig

727
-50
677
700 ✓

4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, Produced Water
5. If injection is for disposal purposes into a zone no productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water.

N/A

VIII. Geological Data

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.

The injection zone is the Grayburg dolomite. This formation is approximately 275' thick in this area and begins at a measured depth of 3,620'. There are no known sources of drinking water below the injection zone.

IX. Stimulation Program

Describe the proposed Stimulation program: Sonic Hammer acidize OH (3727'-3891') and Perfs (3634-3684') w/4000 gals 20% NEFE 90/10 acid.

X. Logging – Text Data on Well

Log attached. No well test information available due to well being TA'd for years.

XI. Chemical Analysis

Chemical Analysis of fresh water from two or more fresh water well within one Mile of any injection or disposal well showing location of wells and dates samples were taken. Water and Chemical Analysis are attached.

XII. Geological Statement

XTO has examined the available geologic and engineering data and we find there are no known faults or fractures in the well or area that would provide a connection between the injection zone and potential sources of water.

XIII. Proof of Notice

Proof of Notice on Attached Page.

XTO Energy, Inc. (Operator Ogrid No. 005380)
Eunice Monument South Unit #111W (API# 30-025-06283)
Application for New Injection Permit
Requested Permitted Interval: 3634' – 3891'
Eunice Monument-Grayburg San Andres Pool
1980' FNL & 1900' FWL, Unit Letter F, Section 30, T-20S, R-37E
Lea County, New Mexico

Application Notice Given to:

Mineral & Surface Owner:

New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

Jimmie Cooper
7108 West County Road 43
Monument, NM 88266

Operators of wells within a ½-mile radius:

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

Burgandy Oil & Gas of NM Inc.
401 W Texas Ste 1003
Midland, TX 79701

Chevron USA Inc.
15 Smith Road
Midland, TX 79705

Hudson Oil of Texas
616 Texas Street
Ft. Worth, TX 76102

Pre-Ongard Well Opr.
1220 S St. Francis
Santa Fe, NM 87502

Newspaper Notice to Public:

Hobbs Daily News-Sun
201 N Thorp
P. O. Box 936
Hobbs, NM 88241
Tel. No. 575-393-2123

I, Sharon Hindman, do certify that on October 14, 2011 the above listed interested parties were mailed copies of the application to inject for the Eunice Monument South Unit #111W well.



Sharon Hindman, Regulatory Analyst
XTO Energy, Inc.
sharon_hindman@xtoenergy.com

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

CERTIFIED MAIL

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

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7007 2560 0002 4760 2220
7007 2560 0002 4760 2220

7007 2560 0002 4760 2640
7007 2560 0002 4760 2640

7007 2560 0002 4760 2633
7007 2560 0002 4760 2633

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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 Chevron USA Inc.
 15 Smith Road
 Midland, TX 79705

PS Form 3800, August 2006 See Reverse for Instructions

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Sent To
 Jimmie Cooper
 7108 West County Road 43
 Monument, NM 88266

PS Form 3800, August 2006 See Reverse for Instructions

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Sent To
 State Land Office
 310 Old Santa Fe Trail
 Santa Fe, NM 87505

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Pre-Ongard Well Operator
 1220 S St. Francis
 Santa Fe, NM 87502

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

PS Form 3800, August 2006 See Reverse for Instructions

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS FOLD AT DOTTED LINE
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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Sent To
 Hudson Oil of Texas
 616 Texas Street
 Ft. Worth, TX 76102

PS Form 3800, August 2006 See Reverse for Instructions

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS FOLD AT DOTTED LINE
CERTIFIED MAIL™

7007 2560 0002 4760 2596

7007 2560 0002 4760 2596

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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Burgandy Oil & Gas of NM Inc.
401 W Texas Ste 1003
Midland, TX 79701

215256	PAR MINERALS CORPORATION	200 N LORAIN	SUITE 1220	MIDLAND	TX	79701	
230387	PARALLEL PETROLEUM LLC	1004 N BIG SPRING	SUITE 400	MIDLAND	TX	79701	
225465	PARAWON OPERATING LLC	164 ST FRANCIS STREET	SUITE 205	MOBILE	AL	36602	
16895	PARKER & PARKER OIL & GAS INC	PO BOX 1655		LOS LUNAS	NM	870311655	
16932	PARKO OIL	PO BOX 1655		LOS LUNAS	NM	870311655	
9759	PARRISH, HDWANE & RHONDA K	1306 S 9TH ST		ARTESIA	NM	88210	
188566	PATTERSON OPERATING & PUMPING INC DBA/PE	PO BOX 50076		MIDLAND	TX	79710	
246798	PECOS OPERATING COMPANY, LLC	400 W. Illinois	Suite 1210	Midland	TX	79701	Registered on OCD Online
215758	PECOS PRODUCTION COMPANY	400 W ILLINOIS	SUITE 1070	MIDLAND	TX	79701	
17081	PECOS RIVER OP INC	PO Box 1755		Roswell	NM	88202	Registered on OCD Online
267422	Pedernales Production, LP	6363 Woodway	Suite 560	Houston	TX	77057	Registered on OCD Online
17213	PENROC OIL CORP	PO BOX 2769		HOBBS	NM	882412769	
26316	PERMOK OIL INC	1900 WEST 67TH TERRACE		SHAWNEE MISSION	KS	662082110	
17293	PETE MILLS	4901 TEAKWOOD		MIDLAND	TX	79707	
236452	PETRO MEX LLC	PO Box 6724		Farmington	NM	87489	Registered on OCD Online
241851	Petrogulf Corporation	518 17th Street, Suite 1455		Denver	CO	80202	Registered on OCD Online
17733	PIERCE PRODUCTION COMPANY, LLC	PO BOX 1969		EUNICE	NM	88231	
17786	PITTS ENERGY CO	600 N MARIENFIELD, #101		MIDLAND	TX	79701	
34053	PLAINS MARKETING L.P.	500 DALLAS, STE 700		HOUSTON	TX	77002	
17820	PLAINS RADIO PET CO	PO BOX 11351		MIDLAND	TX	79702	
237788	PLANTATION OPERATING LLC	4700 W. Sam Houston Pkwy N.	Suite 140	Houston	TX	77041	Registered on OCD Online
227103	PLATINUM EXPLORATION INC	550 West Texas Avenue	Suite 500	Midland	TX	79701	Registered on OCD Online
265076	PNL Operating, LLC	PO Box 831		Casper	WY	82602	Registered on OCD Online
248481	Ponderosa Petroleum Corporation	P. O. BOX 132		ROSWELL	NM	88202	Registered on OCD Online
173235	PRAIRIE SUN, INC.	3103 YESO RD	PO BOX 8280	ROSWELL	NM	88201	Registered on OCD Online
243261	Premier Natural Resources, LLC	5727 S. Lewis Ave.	Suite 200	Tulsa	OK	74105	Registered on OCD Online
17985	PREMIER OIL & GAS INC	PO BOX 1246		ARTESIA	NM	88210	
214263	PRE-ONGARD WELL OPERATOR	1220 S ST FRANCIS		SANTA FE	NM	BADADDR	
151323	PRIDE ENERGY COMPANY	P.O. BOX 701602		TULSA	OK	741701602	
154303	PRIMAL ENERGY CORPORATION	21021 Springbrook Plaza Dr.	Suite 160	Spring	TX	77379	Registered on OCD Online
18099	PRIME OPERATING CO	3300 NORTH A ST	BLDG ONE STE 238	MIDLAND	TX	79705	
18100	PRIMERO OPERATING INC	PO BOX 1433		ROSWELL	NM	88202	
153888	PRIMEXX OPERATING CORPORATION	4849 GREENVILLE AVE	STE 1600	DALLAS	TX	75206	
271475	Priority Energy LLC	PO Box 663		Summerland	CA	93067	Registered on OCD Online
16788	P-R-O MANAGEMENT INC	13601 PRESTON RD		DALLAS	TX	75240	
269709	Probit Operating, LLC	110 West Louisiana	Suite 325	Midland	TX	79701	Registered on OCD Online
122811	PRONGHORN MANAGEMENT CORP	PO BOX 1772		HOBBS	NM	88241	
12444	Providence energy Services, Inc. dba Kelton O	P.O Box 928		Andrews	TX	79714	Registered on OCD Online
246069	PUMPJAK OIL COMPANY, LLC	1503 North 13th		Lovington	NM	88260	Registered on OCD Online
236435	PURE ENERGY OPERATING, INC.	22610 US HWY 281 NORTH	SUITE 218	SAN ANTONIO	TX	78258	Registered on OCD Online
131559	PURVIS OPERATING CO	PO BOX 51990		MIDLAND	TX	797101990	
262232	QUALITY TRANSPORT, INC.	7 Crawford Lane		Jal	NM	88252	Registered on OCD Online
243874	QUANTUM RESOURCES MANAGEMENT, LLC	1401 McKinney St	Suite 2400	Houston	TX	77010	Registered on OCD Online

Per the OCD listing of operators the Pre-Ongard Well Operator listed shows to have a bad address. We noticed this company and have no better address to notice for this new well injection permit.

P.O. BOX 98
MIDLAND, TX. 79702
PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819

RESULT OF WATER ANALYSES

TO: Tyler Ogden
PO Box 1770, Denver City, TX 79323

LABORATORY NO. 911-109
SAMPLE RECEIVED 9-2-11
RESULTS REPORTED 9-2-11

COMPANY Multi-Chem LEASE XTO

FIELD OR POOL _____
SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 EMSU FWW - South #1.
NO. 2 EMSU FWW - North #2.
NO. 3 _____
NO. 4 _____

REMARKS: Samples taken 9-2-11 by Bryan Ogden, MWL, Inc.

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0020	1.0020		
pH When Sampled				
pH When Received	9.20	7.80		
Bicarbonate as HCO ₃	54	195		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	400	490		
Calcium as Ca	94	164		
Magnesium as Mg	40	19		
Sodium and/or Potassium	14	17		
Sulfate as SO ₄	133	161		
Chloride as Cl	133	142		
Iron as Fe	0.10	0.10		
Barium as Ba	0	0		
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	493	698		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0	0		
Resistivity, ohms/m at 77° F.	13.50	10.39		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Carbonate, as CO ₃	24			

Results Reported As: Milligrams Per Liter

Additional Determinations And Remarks
of his knowledge and belief.

The undersigned certifies the above to be true and correct to the best

Form No. 3

By Amy McKoun for G.O
Greg Ogden, B.S.



WELL DATA SHEET

LEASE: EMSU WELL: 111

FORM: Grayburg / San Andres DATE: 3/30/2007

LOC: 1980' F N L & 1980' F W L SEC: 30
 TOWNSHIP: 20S CNTY: Lea
 RANGE: 37E UNIT: F ST: N.M.

GL: 3541' STATUS: TA'd Producer
 KB: 3541' API NO: 30-025-06283
 DF: _____ CHEVNO: FA7401

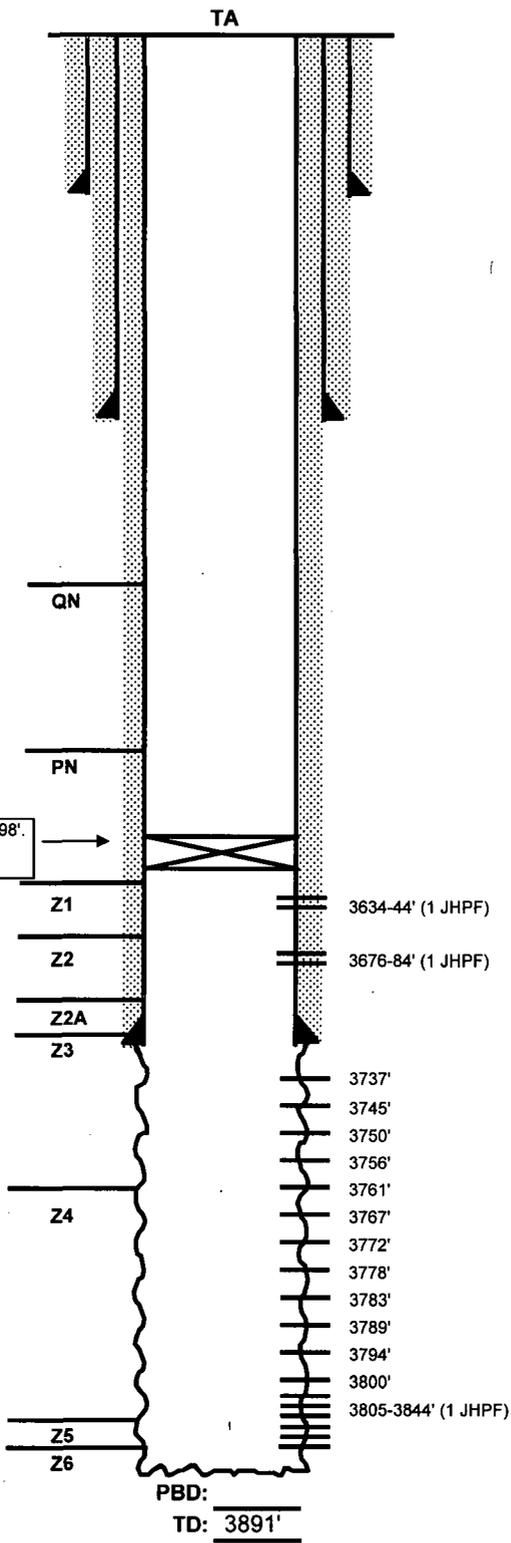
(formerly: State "W" #3)

Date Completed: 1/9/37
 Initial Production: 142 BOPD
 Initial Formation: Grayburg
 FROM: 3700' to 3850' / GOR 9155

12-1/2" OD
40# CSG
 Set @ 196' W/ 200 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.
 (17-1/2" hole)

8-5/8" OD 8rd
32# CSG
 Set @ 2535' W/ 600 SX
 Cmt circ.? No
 TOC @ 300' by TS
 (11" hole)

6-5/8" OD 10rd
20# CSG
 Set @ 3727' W/ 100 SX
 Cmt circ.? No
 TOC @ 2679' by calc.
 (7-3/4" hole)



Completion Data

3/37 ACDZ OH 3727-3852' w/ 2000 gals 15% Dowell IX. Swb & fldw to TT 3 hrs. 145 Bbls oil.

Subsequent Workover or Reconditioning:

4/39 High GOR. Set pkr @ 3740'. Flwg thru 20/64" choke, before work - 30 BOPD + GOR 113000. after work - 47 BOPD + GOR 4000.
5/68 Convert to pump, PMPD 15 BO+5 BW. 11-24' SPM.
3/74 Acdz OHZ 3727-3852' w/ 1500 gals 15% acid. Perf'd OHZ @ 3737, 45, 50, 56, 61, 67, 72, 78, 83, 89, 94, 3800, 05, 11, 16, 22, 27, 33, 38, 44 (1JHPF). Acdz OHZ 3727-3852' w/ 1500 gals HCl w/ RS +Benzoic flakes to divert.
9/87 XOWH. C/O + Deepen w/ air form to 3891'. Ran logs. Acdz OH w/ 6000 gal 15% NEFEA in 4 stages w/ GRS as diverter. Final swb 18 BAW w/ 102 oil. SFL - 2850, EFL - 3552' w/ FeR 7-1/2 BPH. Perf 3634-44', 3676-84 (1JHPF). Acdz perms w/ 1500 gal 15% NeFeA & 35 RCNBs. Final Swb - 2BW w/ 1% oil FeR - 2 BPH. SFL 3300' EFL 3300'. POP test: 10 BO + 25 BW + 14 mcfg = 184' ASN. B/4: No test.
10/5/01 RIH w/6-5/8" bit & scraper to 3700'. Set 6-5/8" CIBP @ 3598'. Tstd to 520#. Held OK. Well TA'd.

Additional Data:

- T/Queen Formation @ 3315'
- T/Penrose Formation @ 3438'
- T/Grayburg Zone 1 @ 3622'
- T/Grayburg Zone 2 @ 3661'
- T/Grayburg Zone 2A @ 3693'
- T/Grayburg Zone 3 @ 3726'
- T/Grayburg Zone 4 @ 3761'
- T/Grayburg Zone 5 @ 3817'
- T/Grayburg Zone 6 @ 3872'
- T/San Andres @ 3911'
- KB @ 3541'

FILE: EMSU111WB.XLS



WELL DATA SHEET

LEASE: EMSU WELL: 111
 LOC: 1980' F N L & 1980' F WL SEC: 30
 TOWNSHIP: 20S CNTY: Lea
 RANGE: 37E UNIT: F ST: N.M.
 (formerly: State "W" #3)

FORM: Grayburg / San Andres DATE: 3/30/2007
 GL: 3541' STATUS: TA'd Producer
 KB: 3541' API NO: 30-025-06283
 DF: _____ CHEVNO: FA7401

Date Completed: 1/9/37
 Initial Production: 142 BOPD
 Initial Formation: Grayburg
 FROM: 3700' to 3850' / GOR 9155

Completion Data

3/37 ACDZ OH 3727-3852' w/ 2000 gals 15% Dowell IX. Swb & flwd to TT 3 hrs. 145 Bbls oil.

Subsequent Workover or Reconditioning:

4/39 High GOR. Set pkr @ 3740'. Flwg thru 20/64" choke, before work - 30 BOPD + GOR 113000. after work - 47 BOPD + GOR 4000.
5/68 Convert to pump, PMPD 15 BO+5 BW. 11-24' SPM.
3/74 Acdz OHZ 3727-3852' w/ 1500 gals 15% acid. Perf'd OHZ @ 3737, 45, 50, 56, 61, 67, 72, 78, 83, 89, 94, 3800, 05, 11, 16, 22, 27, 33, 38, 44 (1JHPF). Acdz OHZ 3727-3852' w/ 1500 gals HCl w/ RS +Benzoic flakes to divert.
9/87 XOWH. C/O + Deepen w/ air form to 3891'. Ran logs. Acdz OH w/ 6000 gal 15% NEFEA in 4 stages w/ GRS as diverter. Final swb 18 BAW w/ 102 oil. SFL - 2850, EFL -3552' w/ FeR 7-1/2 BPH. Perf 3634-44', 3676-84 (1JHPF). Acdz perms w/ 1500 gal 15% NeFeA & 35 RCNBs. Final Swb - 2BW w/ 1% oil FeR - 2 BPH. SFL 3300' EFL 3300'. POP test: 10 BO + 25 BW + 14 mcfg = 184' ASN. B/4: No test.
10/5/01 RIH w/6-5/8" bit & scraper to 3700'. Set 6-5/8" CIBP @ 3598'. Tstd to 520#. Held OK. Well TA'd.

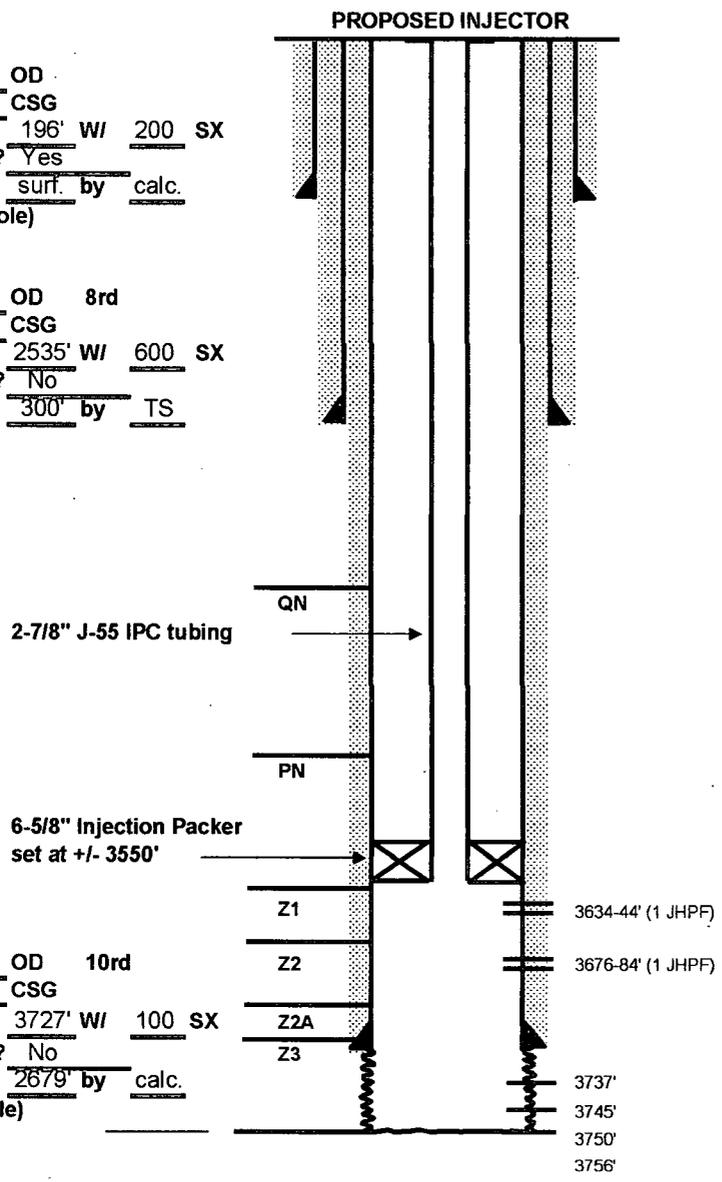
Additional Data:

T/Queen Formation @ 3315'
 T/Penrose Formation @ 3438'
 T/Grayburg Zone 1 @ 3622'
 T/Grayburg Zone 2 @ 3661'
 T/Grayburg Zone 2A @ 3693'
 T/Grayburg Zone 3 @ 3726'
 T/Grayburg Zone 4 @ 3761'
 T/Grayburg Zone 5 @ 3817'
 T/Grayburg Zone 6 @ 3872'
 T/San Andres @ 3911'
 KB @ 3541'

12-1/2" OD
 40# CSG
 Set @ 196' WI 200 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.
 (17-1/2" hole)

8-5/8" OD 8rd
 32# CSG
 Set @ 2535' WI 600 SX
 Cmt circ.? No
 TOC @ 300' by TS
 (11" hole)

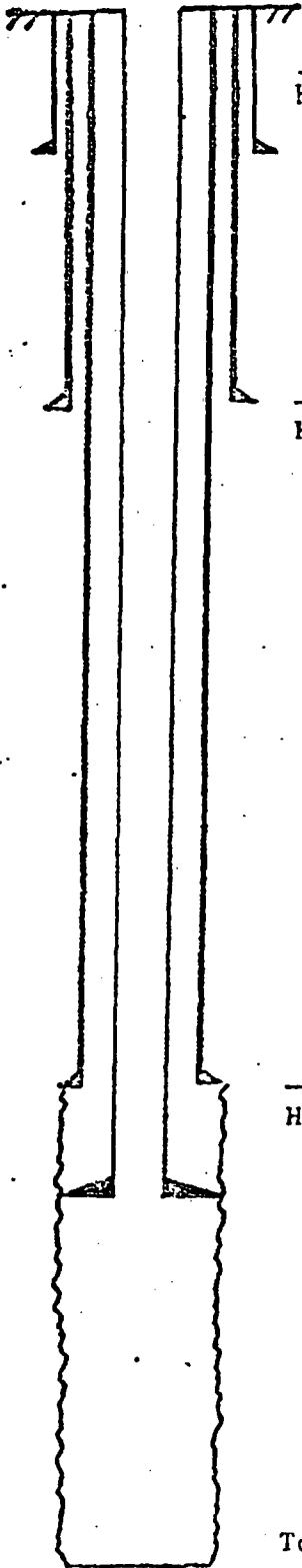
6-5/8" OD 10rd
 20# CSG
 Set @ 3727' WI 100 SX
 Cmt circ.? No
 TOC @ 2679' by calc.
 (7-3/4" hole)



XTO Energy, Inc. (Ogrid No. 005380)												
Eunice Monument South Unit #111 (API No. 30-025-06283)												
Eunice Monument; Grayburg-San Andres												
1980' FNL & 1980 FWL Unit F Sec. 30 T-20S R-37E												
Lea County, New Mexico												
Requested Permit Interval: 3634' - 3891'												
Table of wells within 1/2 mile of proposed Project Area (EMSU #111)												
Well Name	Well No	TD	Spud Date	Comp Date	PBTD	Sym Code	API No	Operator	NS	EW	Section	R TS
EMSU	29	3870	10/07/54	10/21/54		Oil-Active	30025061710000	Burgundy O&G of New Mexico Inc.	660 FSL	1980 FWL	19	37E 20S
EMSU	34	3850	03/13/37	04/27/37		Oil-Active	30025062930000	Burgundy O&G of New Mexico Inc.	660 FNL	660 FWL	30	37E 20S
EMSU	100	4000	06/28/87	10/19/87	04/02/02	P&A	30025299430000	XTO Energy Inc.	660 FNL	2170 FEL	30	37E 20S
EMSU	101	4000	04/22/88	08/18/88		Oil-Active	30025302200000	XTO Energy Inc.	660 FNL	1980 FWL	30	37E 20S
EMSU	109	3986	05/08/37	06/09/37		Oil-Active	30025043240000	XTO Energy Inc.	1980 FNL	660 FEL	25	36E 20S
EMSU	110	3958	03/02/37	04/13/37		Oil-Active	30025062840000	XTO Energy Inc.	1980 FNL	660 FWL	30	37E 20S
EMSU	112	3913	12/16/82	12/20/82		OIL-TA	30025062820000	XTO Energy Inc.	1980 FNL	1980 FEL	30	37E 20S
EMSU	113	3918	01/07/37	02/13/37	06/13/02	P&A	30025062810000	Chevron USA	1980 FNL	660 FEL	30	37E 20S
EMSU	115	3886	02/01/52	02/21/52		Oil-Active	30025062950000	XTO Energy Inc.	1980 FSL	1980 FEL	30	37E 20S
EMSU	116	3937	01/21/37	03/09/37		Inj-active	30025062900000	XTO Energy Inc.	1980 FSL	1980 FWL	30	37E 20S
EMSU	117	3960	10/12/85	12/09/85		Oil-Active	30025293960000	XTO Energy Inc.	1980 FSL	660 FWL	30	37E 20S
Hudson Phillips Com	1	3850	11/15/97	11/21/97		Gas-Active	30025062910000	Hudson Oil of Texas	660 FNL	1980 FEL	30	37E 20S
Pre-Ongard (State 193)	1	3837	11/10/36	12/06/36	02/26/75	Oil-P&A	30025062940000	Pre-Ongard	1650 FSL	990 FWL	30	37E 20S
State W	5	3520	02/22/80	04/08/80	07/20/11	P&A	30025266140000	Apache Corp	1980 FNL	780 FWL	30	37E 20S
Sunshine State Com	2	3840	12/15/36	01/12/37	12/07/01	Gas-P&A	30025062890000	Chevron USA	660 FSL	1980 FWL	30	37E 20S

FIELD EUNICE-MONUMENT GR-SA	OPERATOR TEXACO INC.	DATE APRIL 26, 1976
LEASE EUNICE-MONUMENT UNIT	WELL NO. 29	LOCATION N-19-20S-37E

Burgandy O&G of New Mexico Operator



13 " casing set at 135 ' with 125 sx of Trinity cement
Hole size 16 "

9 5/8 " casing set at 1112 ' with 600 sx of ELTORO cement
Hole size 12 1/4 "

7 " casing set at 3690 ' with 250 sx of ELTORO cement
Hole size 8 5/8 "

4 1/2 " Liner set AT 3731 ' with 525 sx. ✓
CEMENT CIRCULATED

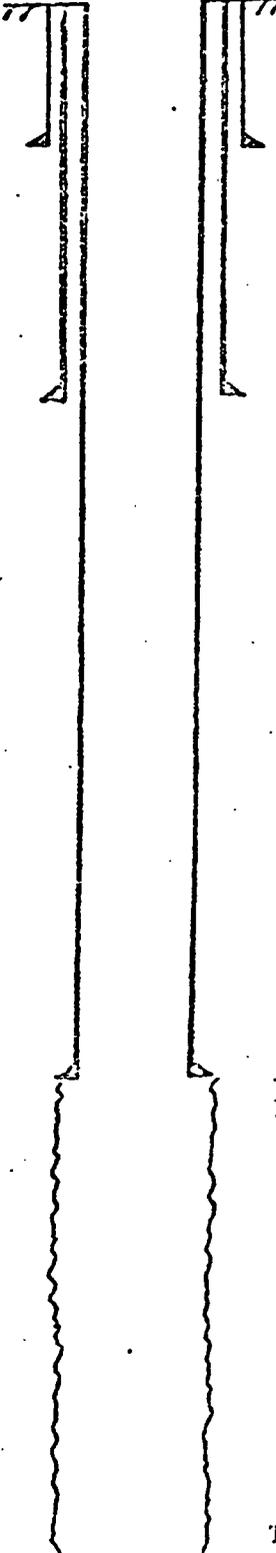
2 7/8 " T&G.

Total Depth 3870 '

API No. 30-025-06293

FIELD EUNICE-MONUMENT GR-SA	OPERATOR TEXACO INC.	DATE APRIL 26, 1976
LEASE EUNICE-MONUMENT UNIT	WELL NO. 37	LOCATION D-30-205-37E

Burgandy O&G of New Mexico Operator



13 " casing set at 164 ' with 160 sx of Fibro cement
Hole size 17 1/2 "

9 5/8 " casing set at 1051 ' with 400 sx of Fibro cement
Hole size 12 1/2 "

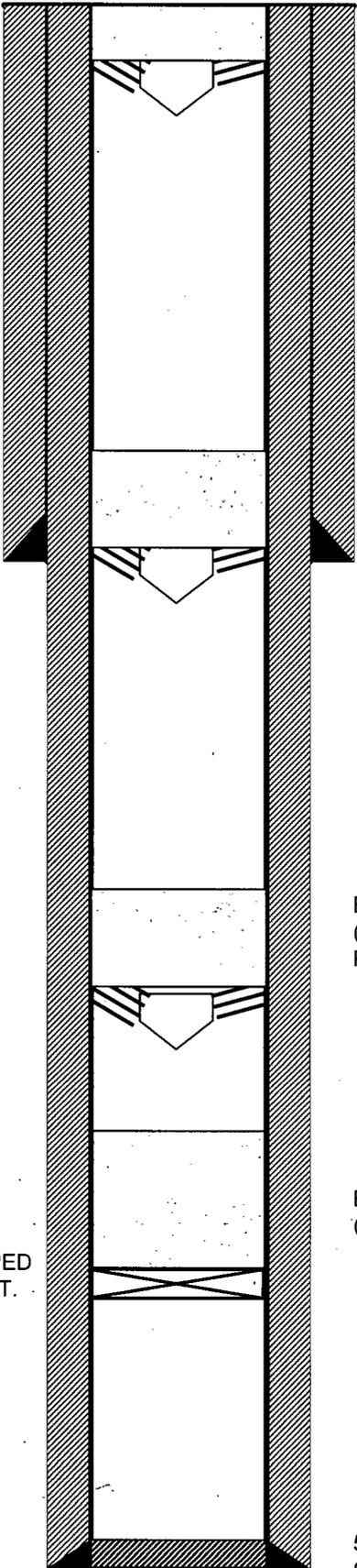
7 " casing set at 3725 ' with 300 sx of Fibro cement
Hole size 5 3/4 "

2 7/8 " 753.

Total Depth 3850 '

ELEV: GL: 3525'

EMSU #100
XTO ENERGY INC.
660' FNL & 2170' FEL, SEC 30, T20S-R373
LEA COUNTY, NM
API# 30-025-29943



SURFACE PLUG 3'-33' (5 CU FT ZONITE).
WIPER PLUG @ 33'

8-5/8", 24# CSG SET @ 1081'.
CMT'D W/700SX. CIRC.

T/SALT-RUSTLER-SHOE PLUG @
968'-1130' (22 CU FT ZONITE).
WIPER PLUG @ 1130'

ZONITE PLUGS	
SURFACE PLUG	3' - 33'
T/SALT-RUSTLER-SHOE	968'-1130'
B/SALT PLUG	2380'-2505'
BOTTOM PLUG	3514'-3618'

B/SALT PLUG @ 2380'-2505'
(17 CU FT ZONITE). WIPER
PLUG @ 2505'

BOTTOM PLUG @ 3514'-3618'
(14 CU FT ZONITE)

CIBP @ 3620', NOT CAPPED
W/CMT. WELL FAILED MIT.

5-1/2", 25.5# CSG SET @ 4000'.
CMT'D W/750SX. CIRC.

PBTD: 3938'
TD: 4000'

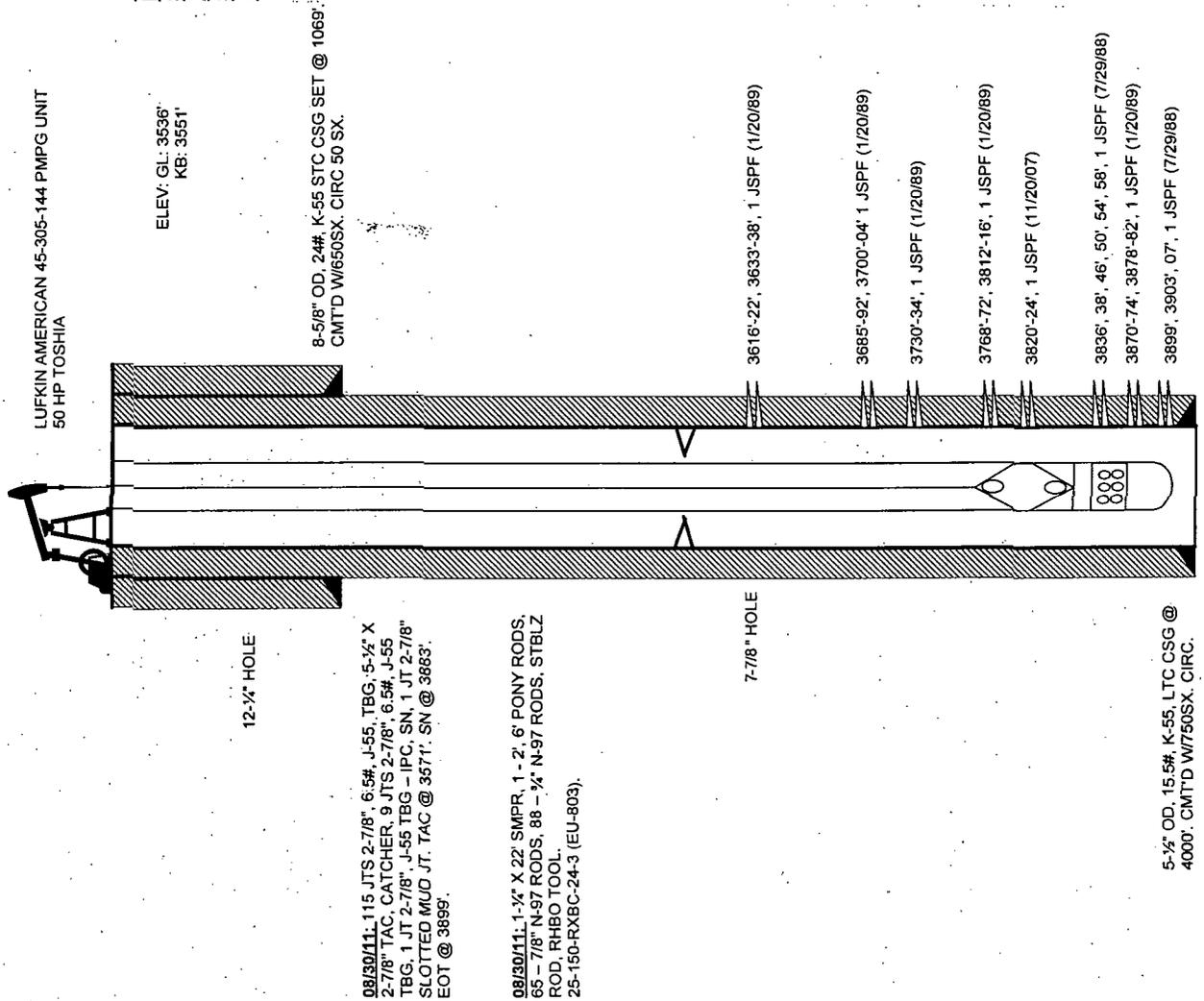
EUNICE MONUMENT SO. UNIT #101

WELLBORE DIAGRAM

LUFKIN AMERICAN 45-305-144 PMPG UNIT
50 HP TOSHIBA

DATA

LOCATION: 660' FNL & 1980 FWL, UNIT C, SEC 30 T20S & R37E
 COUNTY/STATE: LEA, NM
 FIELD: EUNICE MONUMENT
 FORMATION: GRAYBURG/ SAN ANDRES
 SPUD DATE: 04-22-88 COMPLETION DATE: 07-29-88
 API #: 30-025-30220
 STATUS: PRODUCER BEAM
 IP: 18 BOPD/ 63 BWPD (08-31-88)



12-1/4" HOLE

08/30/11: 115 JTS 2-7/8", 6.5#, J-55, TBG, 5-1/2" X
 2-7/8" TAC CATCHER, 9 JTS 2-7/8", 6.5#, J-55
 TBG, 1 JT 2-7/8", J-55 TBG - IPC, SN, 1 JT 2-7/8"
 SLOTTED MUD JT, TAC @ 3571', SN @ 3863',
 EOT @ 3899'.

09/30/11: 1-1/2" X 22' SMPR, 1 - 2', 6' PONY RODS,
 65 - 7/8" N-97 RODS, 88 - 1/2" N-97 RODS, STBLZ
 ROD, RHBO TOOL
 25-150-RXBC-24-3 (EU-803).

7-7/8" HOLE

5-1/2" OD, 15.5#, K-55, LTC CSG @
 4000'. CMTD W/750SX, CIRC.

PBTD: 3910'
 TD: 4000'

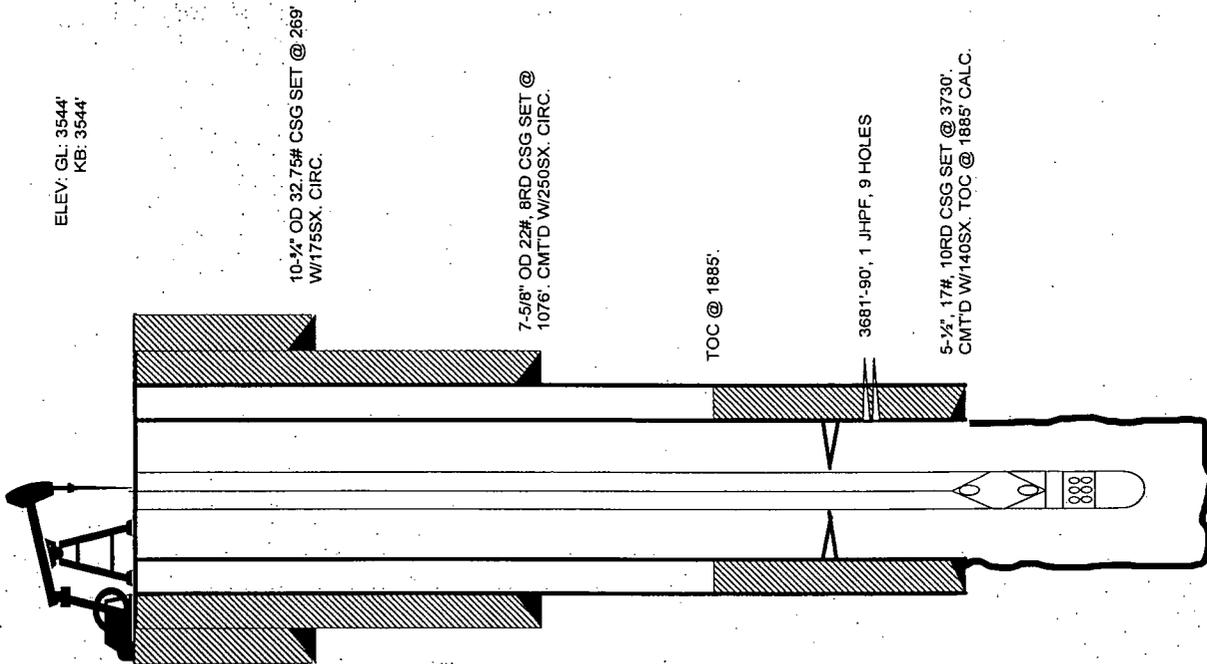
EUNICE MONUMENT SO. UNIT #109

FKA L. W. WHITE A #3
WELLBORE DIAGRAM

DATA

LOCATION: 1980' FNL & 660' FEL, SEC 25, T20S & R36E
 COUNTY/STATE: LEA, NM
 FIELD: EUNICE MONUMENT
 FORMATION: GRAYBURG
 SPUD DATE: 5/8/37 COMPLETION DATE: 6/9/37
 APL #: 30-025-04324
 STATUS: BEAM
 IP: 360 BOPD, 450 MCFPD

ELEV: GL: 3544'
 KB: 3544'



13-5/8" HOLE

9-7/8" HOLE

10-1/2" OD 32.75# CSG SET @ 269'
 W/175SX. CIRC.

7-5/8" OD 22# 8RD CSG SET @
 1076'. CMTD W/250SX. CIRC.

TOC @ 1865'.

3681'-90", 1 JHPF, 9 HOLES

5-1/2", 17#, 10RD CSG SET @ 3730'.
 CMTD W/140SX. TOC @ 1865' CALC.

12/30/10: 69 JTS 2-7/8" J-55 PROD TBG (NEW), 41 JTS 2-7/8" J-55 PROD TBG, 5-1/2" TAC, 9 JTS 2-7/8" 6.5# J-55, EUE, 8RD PROD TBG, 1 JT 2-7/8" 6.5# TK-99, EUE, 8RD IPC TBG, 2-7/8" SN, 2-7/8" SLOTTED MA. TAC @ 3560'. SN @ 3900'. EOT @ 3916'.
 12/30/10: 1-1/2" X 26' SMPR, 2 - 7/8" D-90 SUBS (6', 6'), 36 - 7/8" KD RODS (07), 114 - 1/2" D-90 RODS (07), 3 - 1-1/2" K-BARS, 7/8" STBLZ SUB, 1-1/2" K-BAR, RHBC, 2.5" X 2.0" X 24" X 3' RXBC (WILSON, AGU-151) W/4' GA.

TD: 3986'

EUNICE MONUMENT SO. UNIT #110

FKA AMERADA STATE "W" #4

WELLBORE DIAGRAM

DATA
 LOCATION: 1980' FNL & 660' FWL, SEC 30, T20S & R36E
 COUNTY/STATE: LEA, NM
 FIELD: EUNICE MONUMENT
 FORMATION: GRAYBURG/ SAN ANDRES
 SPUD DATE: 3/2/37 COMPLETION DATE: 4/13/37
 API #: 30-025-06284
 STATUS: BEAM
 IP: 95 BOPD

LUFKIN 228-213-120 PMPG UNIT.
 7 SPM, 120" SL

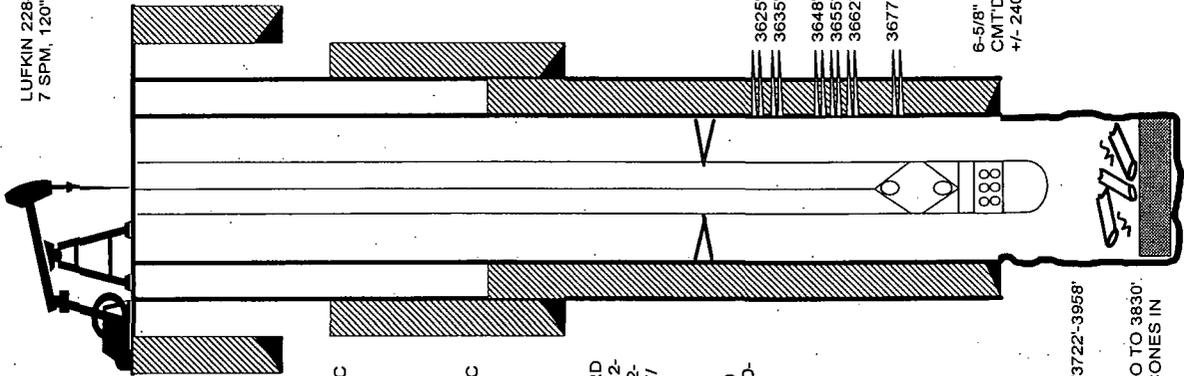
ELEV: GL: 3533
 KB: 3545

12-1/2" OD 40# CSG SET @ 194'.
 CMT'D W/200SX. CIRC.

8-5/8" OD 32# 8RD CSG SET @
 2539'. CMT'D W/600SX. DID NOT
 CIRC. TOC @ 1004' BY CALC.

2 JHPF

6-5/8" OD 20# 10RD CSG SET @ 3722'.
 CMT'D W/100SX. DID NOT CIRC. TOC @
 +/- 2400' BY CALC.



TOC @ 1004' BY CALC

TOC @ 2400' BY CALC

02/16/11: 110 JTS 2-7/8", J-55, EUE, 8RD
 PROD TBG, 6-5/8" X 2-7/8" TAC, 4 JTS 2-
 7/8", J-55, EUE, 8RD PROD TBG, 1 JT 2-
 7/8" IPC, EUE, 8RD TBG, 2-7/8" SN, 2-7/
 8" MA, TAC @ 3557'. SN @ 3722'. EOT
 @ 3738'

02/16/11: 1-1/2" X 26' SMPR, 5 - 3/4" D-90
 PONY RODS (2', 2', 4', 6', 8'), 138 - 3/4" D-
 90 RODS (11), 8 - 1-1/4" K-BARS, 4
 STBLZ SUB.
 2.5" X 1.5" X 24' X 3' RHBC PMP
 (WILSON, EU-634) W/4' GA.

OH FR/3722'-3958'

CIBP FELL/DO TO 3830'.
 LEFT 3 BIT CONES IN
 HOLE.

TD: 3958'

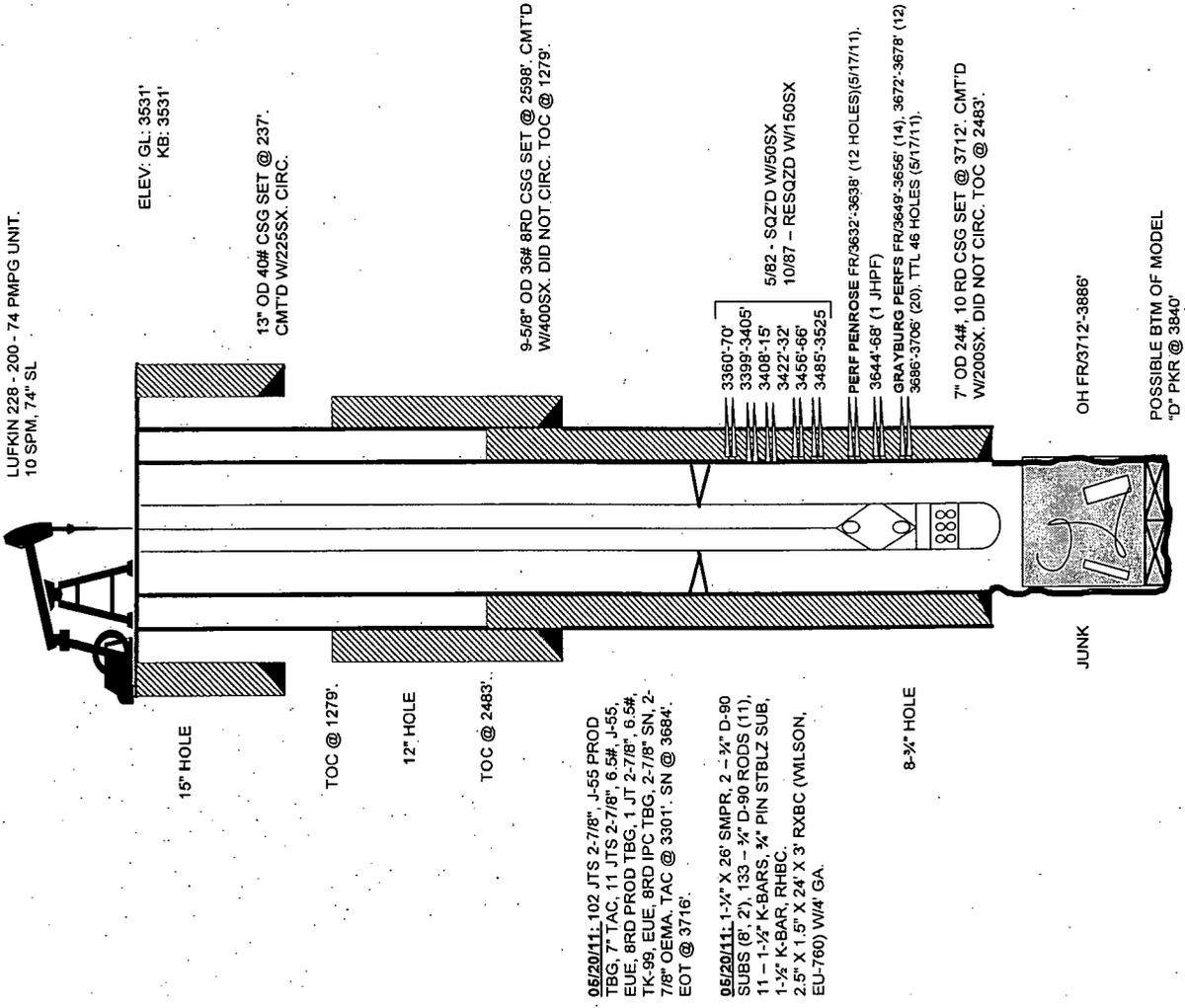
EUNICE MONUMENT SO. UNIT #115

FKA SKELLY "G" STATE #1

WELLBORE DIAGRAM

LUFKIN 228 - 200 - 74 PMPG UNIT.
10 SPM, 74" SL

DATA
 LOCATION: 1980' FSL & 1980' FEL, SEC 30, T20S & R37E
 COUNTY/STATE: LEA, NM
 FIELD: EUNICE MONUMENT
 FORMATION: GRAYBURG/ SAN ANDRES
 SPUD DATE: 11/30/36 COMPLETION DATE: 1/4/37
 API #: 30-025-06295
 STATUS: BEAM
 IP: 384 BPD



ELEV: GL: 3531'
KB: 3531'

13" OD 40# CSG SET @ 237'.
CMT'D W/225SX, CIRC.

9-5/8" OD 36# 8RD CSG SET @ 2598'. CMT'D
W/400SX, DID NOT CIRC. TOC @ 1279'.

05/20/11: 102 JTS 2-7/8", J-55 PROD
TBG, 7" TAC, 11 JTS 2-7/8", 6.5# J-55,
EUE, 8RD PROD TBG, 1 JT 2-7/8", 6.5#,
TK-99, EUE, 8RD IPC TBG, 2-7/8" SN, 2-
7/8" OEMA, TAC @ 3301', SN @ 3684',
EOT @ 3716'.

05/20/11: 1-1/2" X 26' SMPR, 2 - 3/4" D-90
SUBS (6', 2'), 133 - 1/2" D-90 RODS (11),
11 - 1-1/2" K-BARS, 3/4" PIN STBLZ SUB,
1-1/2" K-BAR, RHBC,
2.5" X 1.5" X 24' X 3' RXBC (WILSON,
EU-760) W/4' GA.

JUNK

OH FR/3712'-3886'

POSSIBLE BTM OF MODEL
"D" PKR @ 3840'

PBTD: 3830'
TD: 3886'



WELL DATA SHEET

LEASE: EMSU WELL: 112
 LOC: 1980' F N L & 1980' F E L SEC: 30
 TOWNSHIP: 20S CNTY: Lea
 RANGE: 37E UNIT: G ST: N.M.
 (formerly: State "W" #2)

FORM: Grayburg / San Andres DATE: 3/30/2007
 GL: 3526' STATUS: TA'd Producer
 KB: 3538' API NO: 30-025-06282
 DF: _____ CHEVNO: FA7400

Date Completed: 3/10/37
 Initial Production: F 7110 BOPD
 Initial Formation: Grayburg
 FROM: 3710' to 3888' / GOR 17,000

Completion Data

2/37 ACDZ OH 3710-3888' w/ 17,000 gals 15% Dowell XI in five treatments.

Subsequent Workover or Reconditioning:

2/54 Set CIBP @ 3685'. Perf 3650-69'. Set CIBP @ 3642'. Perf 3550-3600'. Set CIBP @ 3545'. Perf 3504-30, 3460-3504'.
1/82 TA drill CIBP @ 3545'. Acadz perms fr 3550-3600' w/ 500 gal 15% NEA. Sqzd perms f/ 3460-3600' w/ 360 SX. DOC. Push plug to 3886'.
7/82 TA'd.
7/82 Return to Prod.
9/87 XOWH. Drill CIBP @ 3886'. Deepen w/ air foam to 3913'. Log, acadz w/ 4000 gals 15% NeFeA + in 4 stages using 1100# GRS to divert. SFL-1900'. EFL-2500'. POP. Test: 14 BO+40 BW+35 mcf, FL @ SN. B/4 = no test.
10/9/01 RIH w/ bit&scraper to 3620'. Set 6-5/8" CIBP @ 3608'. Tstd to 520#. Bled off 15# in 36 min. OK. Well TA'd.

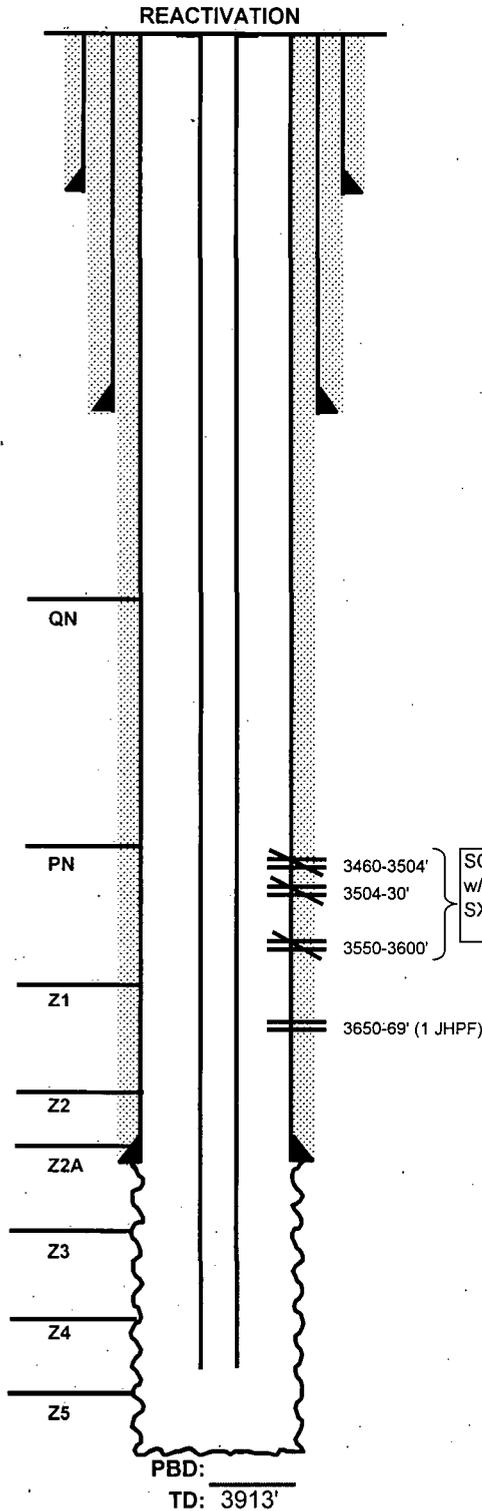
Additional Data:

T/Queen Formation @ 3318'
 T/Penrose Formation @ 3460'
 T/Grayburg Zone 1 @ 3638'
 T/Grayburg Zone 2 @ 3674'
 T/Grayburg Zone 2A @ 3705'
 T/Grayburg Zone 3 @ 3736'
 T/Grayburg Zone 4 @ 3775'
 T/Grayburg Zone 5 @ 3857'
 T/Grayburg Zone 6 @ 3895'
 T/San Andres @ 3932'
 KB @ 3538'

12" OD
 40# CSG
 Set @ 210' W/ 200 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.
 (17-1/2" hole)

8-5/8" OD 8rd
 32# CSG
 Set @ 2555' W/ 600 SX
 Cmt circ.? No
 TOC @ 374' by calc.
 (11" hole)

6-5/8" OD 10rd
 20# CSG
 Set @ 3710' W/ 100 SX
 Cmt circ.? No
 TOC @ 2662' by calc.
 (7-3/4" hole)



FILE: EMSU112WB.XLS



WELL DATA SHEET

LEASE: EMSU WELL: 116 WIC
 LOC: 1980' F S L & 1980' F W L SEC: 30
 TOWNSHIP: 21S CNTY: Lea
 RANGE: 36E UNIT: K ST: N.M.
 (formerly: Sunshine #3)

FORM: Grayburg / San Andres DATE: 3/30/2007
 GL: 3537' STATUS: Injector
 KB: 3537' API NO: 30-025-06290
 DF: _____ CHEVNO: FA 7408.01

Date Completed: 3/6/1937
 Initial Production: F 80 BOPD / 0 BWPD
 Initial Formation: Grayburg
 FROM: 3721' to 3837' / GOR 3420

Completion Data

2/24/37 ACDZ w/ 2000 gals 14%
2/27/37 ACDZ w/ 5000 gals 14%
3/4/37 ACDZ w/ 3000 gals 14%

Subsequent Workover or Reconditioning:

3-42 Acdz w/ 2000 gals/ No change in production.
7-69 Scale treat; 500 gals 20% NEA.
8-70 Acdz w/750 gals 15% NEA.
10-79 Dump Acid Job; 1000 gals 15% NEA.
2-86 Dump Acid Job; 750 gals 15% NEA.
4-87 Deepen to 3937'. Run logs; put on injection. 707 BWIPD @ 0 psig.
1-88 Perf OH 3786-3816; C/O fill; Acdz w/ 5000 gals 15% NeFeA; run tbg w/ pkr @ 3667'.
2-94 Acdz w/ 1500 gals 15% HCl/Unisol mix.
 A - 166 BWIPD @ 634 psi. B - 104 BWIPD @ 542 psi.
1-98 C/O and ACDZ 3730-3860' w/ CTU: 2000 gal 15% 90/10 Resisol II w/ 70Q foam pumped down annulus.

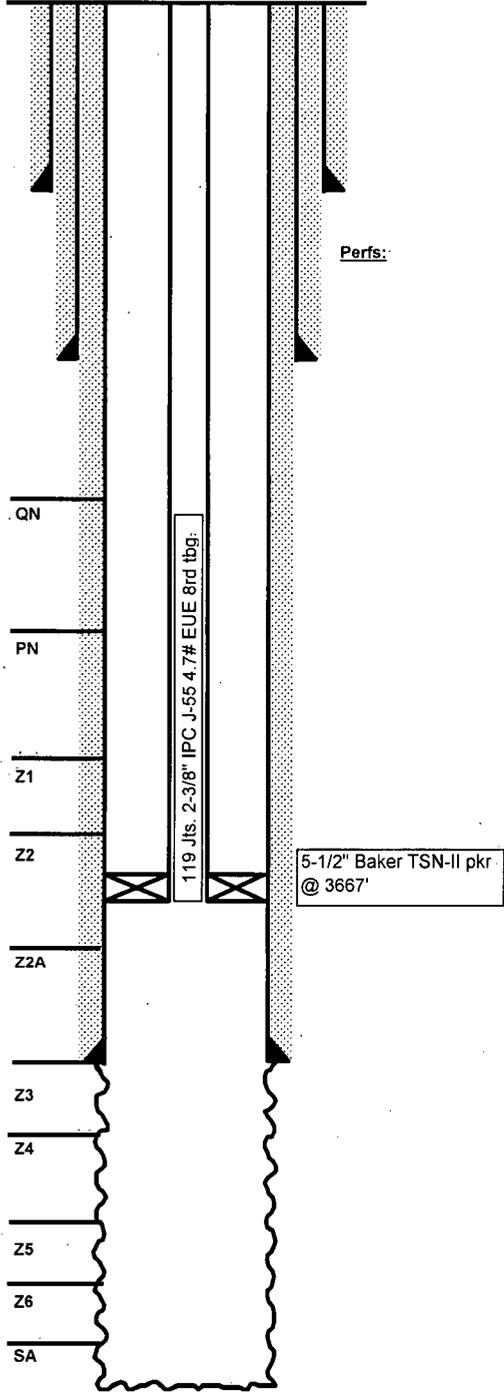
Additional Data:

T/Queen Formation @ 3301'
 T/Penrose Formation @ 3442'
 T/Grayburg Zone 1 @ 3617'
 T/Grayburg Zone 2 @ 3648'
 T/Grayburg Zone 2A @ 3690'
 T/Grayburg Zone 3 @ 3721'
 T/Grayburg Zone 4 @ 3759'
 T/Grayburg Zone 5 @ 3814'
 T/Grayburg Zone 6 @ 3857'
 T/San Andres Formation @ 3898'
 KB @ 3537'

10-3/4" OD
32.75# CSG
 Set @ 208' W/ 200 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.

7-5/8" OD
22# CSG 8rd
 Set @ 1065' W/ 175 SX
 Cmt circ.? No
 TOC @ 312' by calc.

Tubing Detail: 4/4/87
 Original KB to THF: 0.00'
 1 Jt. 2-3/8" J-55 4.7# EUE 8rd IPC
 tbg (short upset): 31.52'
 118 Jts. 2-3/8" J-55 4.7# EUE 8rd
 IPC tbg (external upset): 3629.93'
 5-1/2" 45B Baker TSN inj pkr set w/
 7K compression: 5.57'
 Landed @ 3667.02'



5-1/2" OD
17# CSG 10rd
 Set @ 3721' W/ 300 SX
 Cmt circ.? No
 TOC @ 2360' by calc.

FILE: EMSU116WB.XLS PBD: _____ TD: 3937'



WELL DATA SHEET

LEASE: EMSU WELL: 117
 LOC: 1980' F S L & 660' F W L SEC: 30
 TOWNSHIP: 21S CNTY: Lea
 RANGE: 36E UNIT: L ST: N.M.

FORM: Grayburg / San Andres DATE: 3/30/2007
 GL: 3534' STATUS: Producer
 KB: 3547' API NO: 30-025-29396
 DF: _____ CHEVNO: FR 6349:01

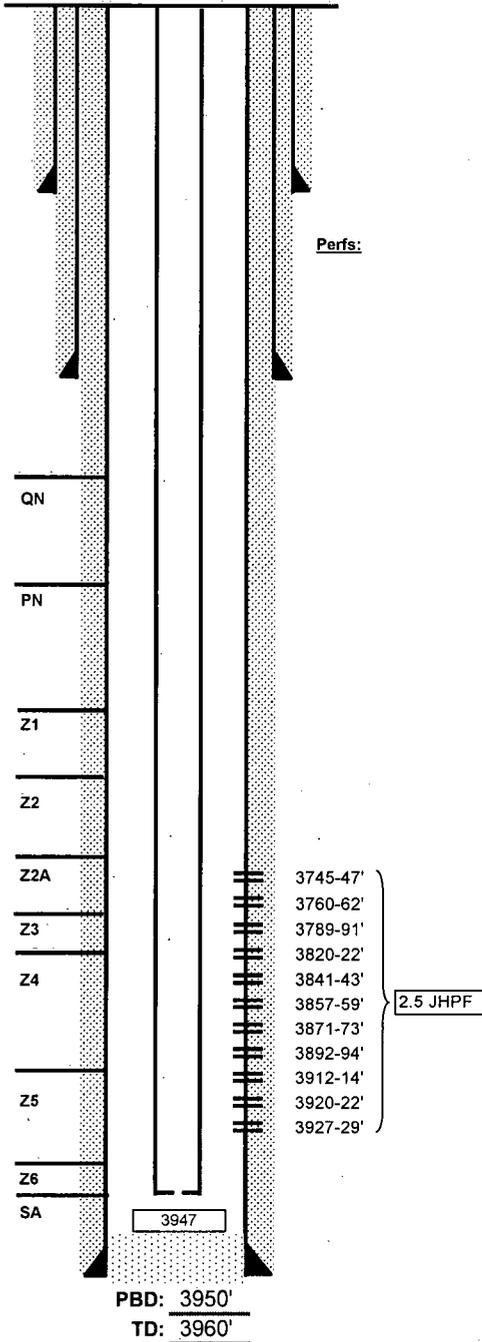
11-3/4" OD
CSG
 Set @ 360' W/ 300 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.

8-5/8" OD
24&32# CSG
 Set @ 2809' W/ 750 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.

Tubeing Detail: 6/26/1992
 Original KBTH: 13.00'
 126 Jts. 2-3/8" J-55 4.7# EUE 8rd
 lbg:
 3896.13'
 Standard Seating Nipple: 1.10'
 1 - 2-3/8" Perf Nipple: 4.08'
 1 Jt. 2-3/8" J-55 4.7# EUE Mud
 Anchor w/ BPOB: 31.65'
 Landed @: 3945.96'

Rod Detail: 6/26/1992
 1 - 1-1/4" X 22' Polished Rod
 3 - 3/4" X (4', 6', 8') Pony Rod
 154 - 3/4" x 25' Rods
 1 - 3/4" X 2' Pony Rod
 1 - 2" x 1-1/2 x 16' RWB-C pump

5-1/2" OD
15.5# CSG
 Set @ 3960' W/ 375 SX
 Cmt circ.? No
 TOC @ 1850' by TS



Date Completed: 12/11/1985
 Initial Production: 9 BOPD / 49 BWPD
 Initial Formation: Grayburg
 FROM: 3892' to 3929' / GOR 6444

Completion Data

Perf 3892-94, 3912-14, 3920-22, 3927-29 w/ 2-1/2 JHPF. ACDZ all perfs w/ 2000 gal 15% NeFeA & 16 RCNBs. (Note: Had comm. when tried to acidize undivided intervals). During swabbing, well began to flow. Put on prod. Test: 9 BO/49 BW/58 MCFPD. FL@SN.

Subsequent Workover or Reconditioning:

3/86 Chem sqzd.
4/86 Tag btm @ 3947' (+/- 3' fill). Perf 3871-73, 3857-59, 3841-43, 3820-22, 3789-91, 3760-62, 3745-47 w/ 2-1/2" JHPF. Aczd new perfs w/ 4000gal 15% NEFEA & 40 RCNBs. Swb 44 BW tr oil in 11hrs. Pumped chem. squeeze. POH w/ RBP & pkr. Put on prod. Test: 67 BO/ 80 BW/ 161 MCFPD.
6/89 Chem sqzd.
6/92 Aczd perfs w/ 4000 gal LCA (15% NeFeA w/ additives) & 60 RCNBs Test: 25 BO/24 BW/22 MCFPD. B/4 tst: 27 BO/198 BW/23 MCFG. FL = 93' ASN.

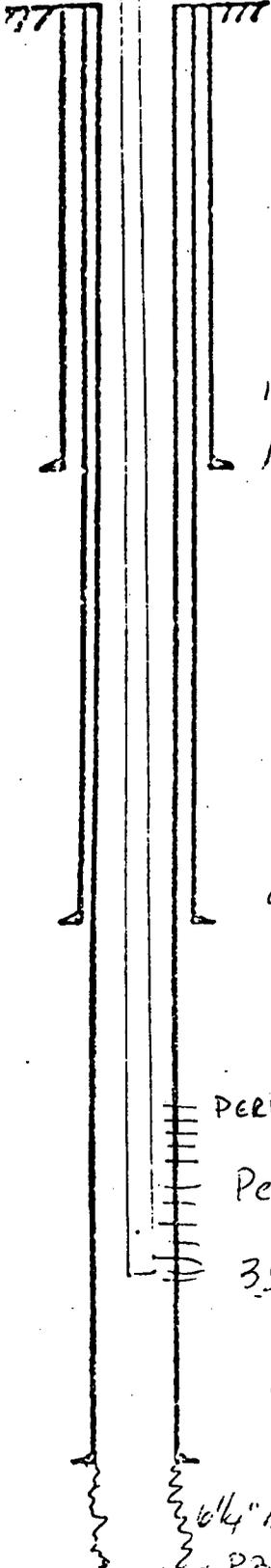
Additional Data:

T/Queen Formation @ 3312'
 T/Penrose Formation @ 3467'
 T/Grayburg Zone 1 @ 3653'
 T/Grayburg Zone 2 @ 3691'
 T/Grayburg Zone 2A @ 3736'
 T/Grayburg Zone 3 @ 3774'
 T/Grayburg Zone 4 @ 3814'
 T/Grayburg Zone 5 @ 3897'
 T/Grayburg Zone 6 @ 3937'
 T/San Andres Formation @ 3941'
 KB @ 3547'

FIELD <u>Eumont</u>	OPERATOR <u>W.A. & F.R. Hudson</u>	DATE <u>May 3, 1976</u>
LEASE <u>Hudson Phillips</u>	WELL NO. <u>1</u>	LOCATION <u>Unit B, Sec. 30-205-37E</u>

Hudson Oil of Texas Operator

2 3/8" Tubing



17 1/2" HOLE SIZE

13 3/8" casing set at 137' with 165 sx of regular cement
Hole size 17 (est)"

12 1/4" HOLE SIZE

9 5/8" casing set at 1093' with 400 sx of ? cement
Hole size 12 1/2 (est)"

PERFORATIONS 3334, 3340, 3345, 3388, 3396, + 3401

Perforations 3430-60, 3470-90 + 3500-34

3508' - depth of tubing

8 3/4" HOLE SIZE

7" casing set at 3718' with 300 sx of ? cement
Total Depth 3817' Hole size 8 3/4 (est)"

6 1/4" hole.

TD 3850 3817

LOCATION: 1980' FNL & 660' FEL, SEC 30, T20S & R37E
COUNTY/STATE: LEA, NM
FIELD: EUNICE MONUMENT
FORMATION: GRAYBURG/ SAN ANDRES
SPUD DATE: 1/7/37 **COMPLETION DATE:** 2/13/37
API #: 30-025-06281
STATUS: P&A'D 6/13/01

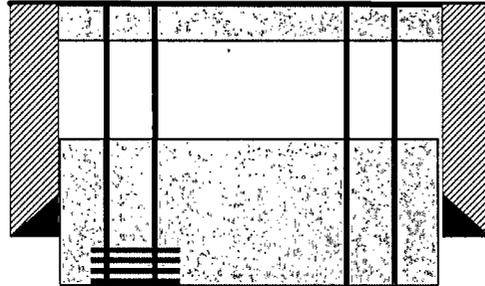
EMSU #113

PLUG: 0'-29' CMT'D. 10SX.

ELEV: GL: 3532'

17-1/2" HOLE

PLUG: 150'-251' CMT SQZD W/ 100SX
PERF 4 HOLES @ 251'

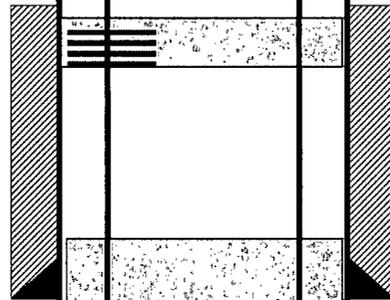


12-1/2" OD 40#, 8THD CSG SET @
201'. CMT'D W/200SX. CIRC.

PLUG: 1000'-1100'. CMT SQZD W/50'SX
PERF 4 HOLES @ 1100'

TOC @ 995'

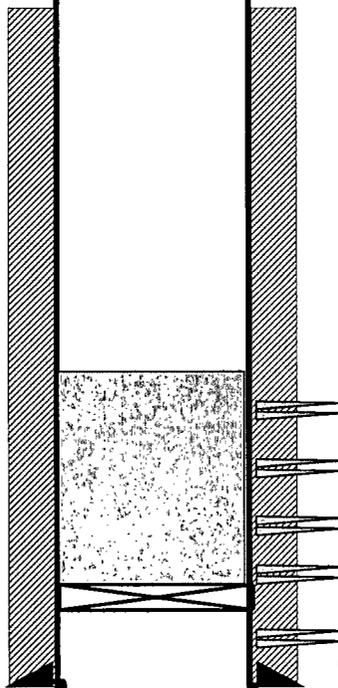
11" HOLE



8-5/8" OD 32#, 8THD CSG SET @
2530'. CMT'D W/600SX. TOC @ 995'.

PLUG: 2450'-2600'. CMT SQZD W/ 75SX
PERF 4 HOLES @ 2600"

7-7/8" HOLE



PERF FR/3344'-3695'. CMT'D SQZD
GRAYBURG/SAN ANDRES ZONE FR/
3344'-3590' & FR/3665'-3695' W/267SX.

PERF FR/3474'-3590' W/696 BULLET SHOTS.

CIBP @ 3640'. PLUG FROM 3200'-
3640' CMT'D W/80SX.

6-5/8" OD 20#, 10THD CSG SET @ 3710'.
CMT'D W/100SX. TOC @ 3117'.

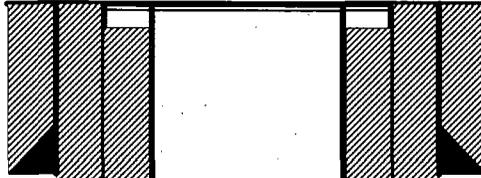
OH FR/3710'-3835'. SQZ'D W/100SX. RE-SQZD
W/100SX. PUT 75SX INTO OH. (2/5/57). DO
CMT TO 3835'. HOLE CLEAN. (5/3/85).

TD: 3835'

PRE-ONGARD #1 - FKA STATE 193
PRE-ONGARD
1650' FSL & 990' FWL, SEC 30, T20S, R37E
LEA COUNTY, NM
API# 30-025-06294

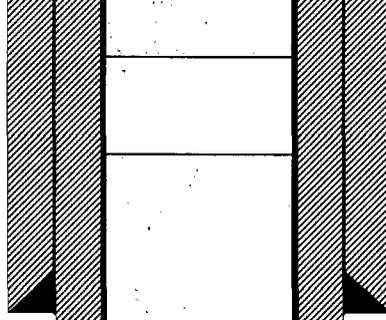
ELEV: GL: 3550'

PLUG: 0'-20'. 10SX CMT



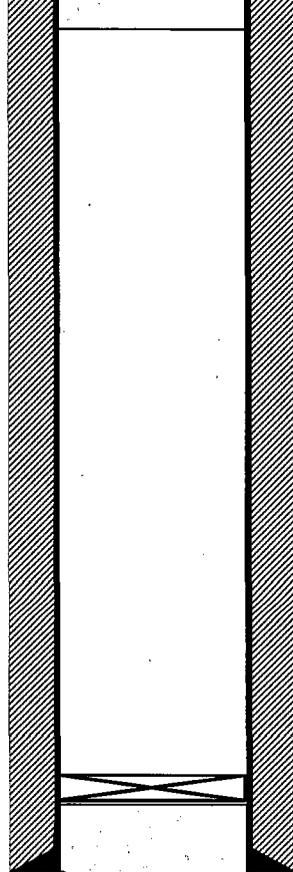
12-1/2" CSG SET @ 255'.
CMT'D W/300SX

PLUG: 791'-1307'. 100SX CMT.



9-5/8" CSG SET @ 1278'.
CMT'D W/500SX.

CR @ 3650'



7" CSG SET @ 3751'. CMT'D W/300SX.

OH FR/3731-3837'. SQZ'D CMT'D
PERFS FR/3751'-3837' BELOW
RETAINER W/40SX CL C.

TD @ 3837'



WELL BORE INFO.

LEASE NAME	State "W"
WELL #	5
API #	30-025-26614
COUNTY	Lea

PROPOSED PROCEDURE

8-5/8" 24# @ 330'
W/300 sx to surf
12 1/4" hole

3. PUH & perf @ 380' & attempt to sqz 110 sx Class "C" cmt from 380' to surf. Attempt to sqz & circ both strings of csg to surf. (Shoe & Water Board)

2. PUH to 1130' & spot 25 sx Class "C" cmt from 1130'-880' WOC/TAG (Top of Salt)

Cal TOC to surf

7 7/8" hole

(12/81) Frac OH 3330-3520'-clean out to 3520'

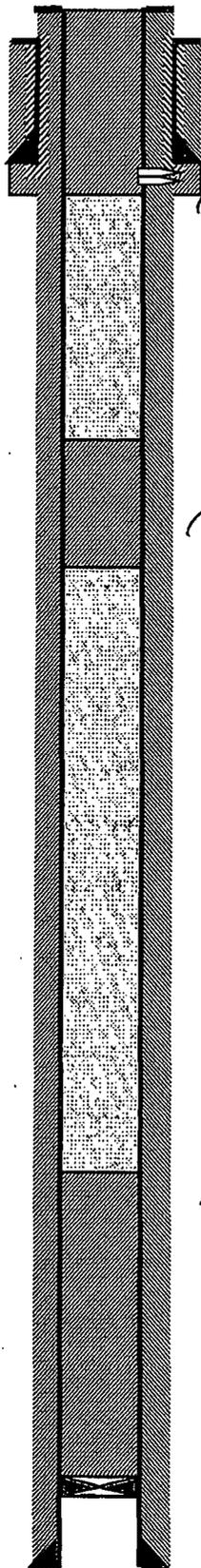
CIBP @ 3247' w/ no cmt

5 1/2" 14# & 17# @ 3330'
w/ 850 sx cmt.

4-3/4" OH

PBTD @ 3247'

1. MIRU, RIH w/ tbg & circ w/ MLF & spot 70 sx Class "C" cmt from 3247'-2800 WOC/TAG (CIBP, 7 Rvrs, Yates, & Base of Salt))



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
 May 27, 2004

HOBBS OCD
AUG 02 2011

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

WELL API NO. 30-025-26614 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> ✓
6. State Oil & Gas Lease No. B-3423
7. Lease Name or Unit Agreement Name State "W" ✓
8. Well Number 5 ✓
9. OGRID Number 873 ✓
10. Pool name or Wildcat Eumont; Yates -7 RVRs-Qn (Gas) ✓

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
Apache Corporation

3. Address of Operator
303 Veterans Airpark Lane, Ste. 3000, Midland, TX 79705

4. Well Location
 Unit Letter **E** : **1980** feet from the **N** line and **780** feet from the **W** line
 Section **30** Township **20S** Range **37E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3538' GR

Pit or Below-grade Tank Application or Closure

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water **N/A**

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

7/18/11-----MIRU Plugging Equipment. Tag existing CIBP @ 3251'. Circ mlf, spot 70 sxs cmt woc.

7/19/11-----Tag cmt plug @ 2572'. Spot 40 sxs from 1130' woc tag plug @ 812'. Perf @ 380'. Sqz 50 sxs cmt would Not circulate. Woc. *contacted OCD on this plug.*

7/20/11-----Tag cmt plug @ 161'. Fill 5 1/2" well bore w/15 sxs cmt. Cutoff well head & anchors, clean location, & RDMO plugging equipment.

Approved for plugging of well bore only.
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.cmnrd.state.nm.us/oed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan .

SIGNATURE _____ TITLE **P & A Supervisor (Basic Energy Services)** DATE **7-26-2011**

Type or print name: _____ E-mail address: _____ Telephone No. 432-563-3355

For State Use Only

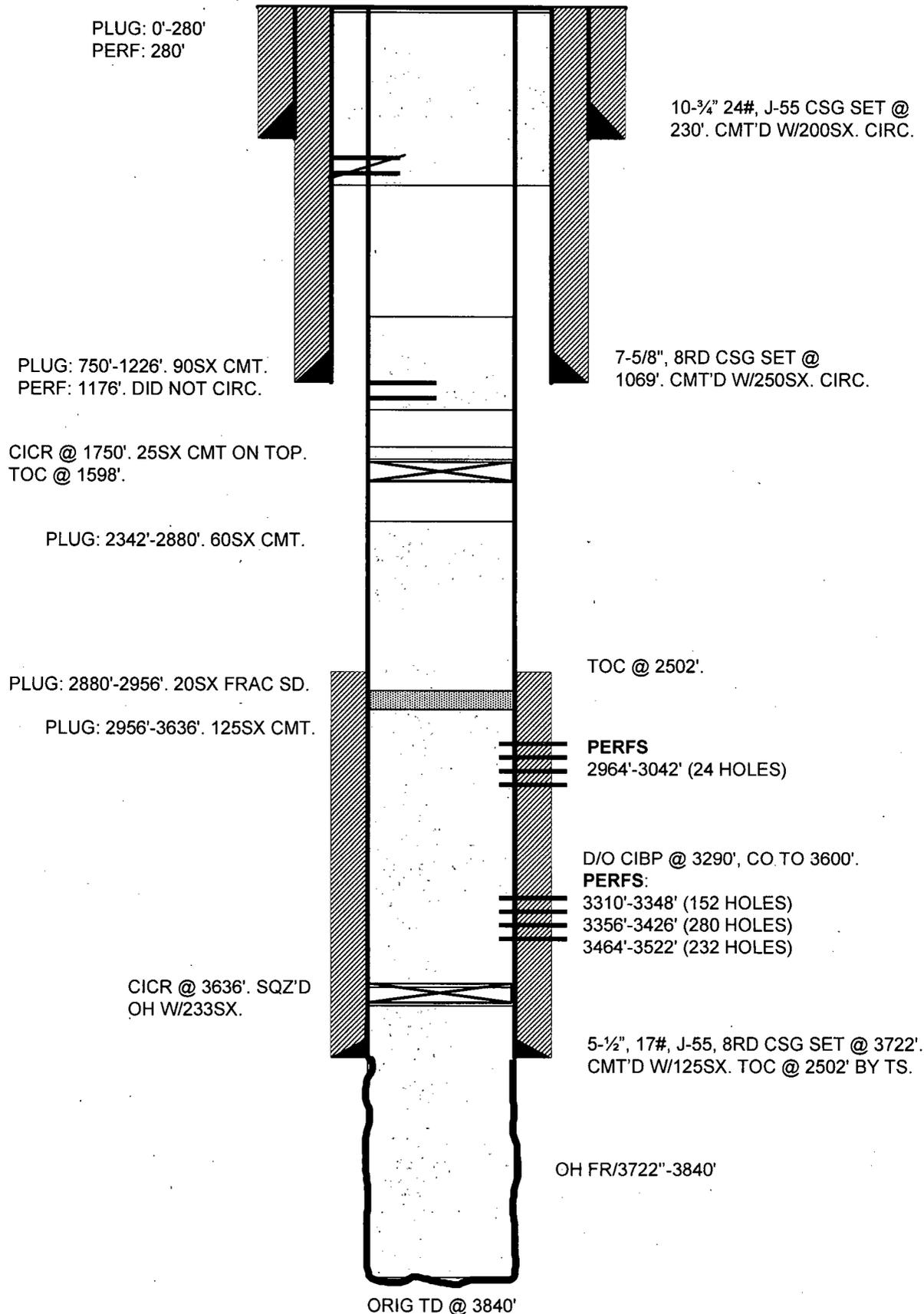
APPROVED BY: *Mal Whitaker* TITLE **Compliance Officer** DATE **08-02-2011**

Conditions of Approval (if any): _____

AUG 02 2011

SUNSHINE STATE COM #2
CHEVRON USA
660' FSL & 1980' FWL, SEC 30, T20S, R37E - N
LEA COUNTY, NM
API# 30-025-06289

ELEV: GL: 3539'
KB: 3546'



Affidavit of Publication

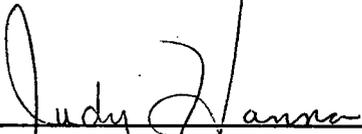
State of New Mexico,
County of Lea.

I, JUDY HANNA
PUBLISHER

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

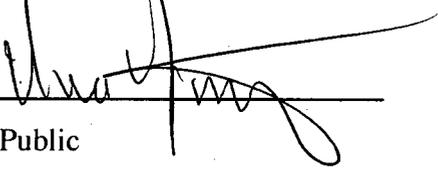
of 1 issue(s).

Beginning with the issue dated
September 23, 2011
and ending with the issue dated
September 23, 2011



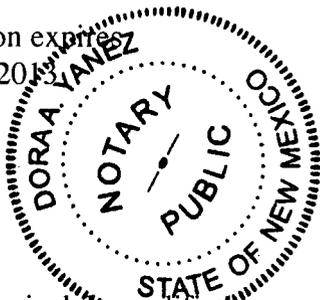
PUBLISHER

Sworn and subscribed to before me
this 30th day of
September, 2011



Notary Public

My commission expires
February 09, 2013
(Seal)



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

LEGAL	LEGAL
LEGAL NOTICE SEPTEMBER 23, 2011	
Notice of Application for Fluid Injection Well Permit Eunice Monument South Unit #111	
XTO Energy, Inc., Opr. OGRID No. 005380, 200 N. Lorraine Street, Suite 800, Midland, Texas 79701, Attention - Sharon Hindman - 432-620-6741, has applied for a permit to inject fluid into a formation which is not productive of oil and gas.	
The applicant proposes to inject fluid at the location of Unit Ltr. F, Section 30, Township 20S, Range 37E, foot-age location of this well is 1980' FNL & 1980' FWL. The API No. is 30-025-02683. Fluid will be injected into the Grayburg formation at a depth interval from 3634' - 3891', with a maximum injection rate of 2000 BWPD and a maximum injection pressure of 710 psi.	
All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days. #26871	

06283

01102696 00080142
XTO ENERGY INC.
200 LORRAINE, SUITE 800
MIDLAND, TX 79701

DATE IN 10.18.11	SUSPENSE	ENGINEER JW	LOGGED IN 10.18.11	TYPE WFX	APP NO. PTC-A
------------------	----------	-------------	--------------------	----------	---------------

ABOVE THIS LINE FOR DIVISION USE ONLY

EMSU #111 · API No. 30-025-0268

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



XTO

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]**

lea

- [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,
- [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.

Sharon Hindman
 Print or Type Name

Sharon Hindman
 Signature

Regulatory Analyst
 Title

10/14/2011
 Date

sharon hindman@xtoenergy.com
 e-mail Address



RECEIVED OCD

2011 OCT 18 P 10: 59

October 14, 2011

Pre-Ongard Well Operator
1220 S St. Francis
Santa Fe, NM 87502

Re: Eunice Monument South Unit Waterflood Project
Eunice Monument South Unit #111 Well
Section 30: Unit F, 1980' FNL & 1900' FWL
Township 20 South, Range 37 East
Lea County, NM

To Whom It May Concern:

This letter is to notify you XTO Energy Inc. has submitted to the Oil Conservation Division an application to convert a well to injection. Our records indicate that you are an offset operator. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions, please call me at 432-620-6741.

Sincerely,

Sharon Hindman
Regulatory Analyst

sharon_hindman@xtoenergy.com

Attachment

Per fs 3634'-3684'
OH 3726-3891'

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage _____
Application qualifies for administrative approval? Yes _____ No

II. OPERATOR: XTO Energy, Inc.

ADDRESS: 200 N. Loraine, Ste. 800 Midland, TX 79705

CONTACT PARTY: Sharon Hindman PHONE: 432-620-6741

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? Yes _____ No
If yes, give the Division order number authorizing the project: R-7766

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. SEE ATTACHED

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. SEE ATTACHED

VII. Attach data on the proposed operation, including: ATTACHED

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 geological data on the injection zone including appropriate lithologic detail, geological 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. ATTACHED

IX. Describe the proposed stimulation program, if any. ATTACHED

*X. Attach appropriate logging and text data on the well. (If well logs have been filed with the Division they need not be submitted).

*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. ATTACHED

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 source of drinking water. ATTACHED

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: Sharon Hindman TITLE: Regulatory Analyst

SIGNATURE: Sharon Hindman DATE: 10/14/2011

EMAIL: sharon.hindman@xtoenergy.com

* If the information required under Section VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstance 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: ATTACHED

- (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. EUNICE MONUMENT; GRAYBURG-SAN ANDRES
- (2) The injection interval and whether it is perforated or open-hole. 3634' - 3684' Perforated
3726' - 3891' OH
- (3) State if the well was drilled for injection or, if not, the original purpose of the well. OIL WELL - PRODUCER
- (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. SEE WELLBORE DIAGRAM
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.
Next Higher is Penrose - Top is @ 3438' & Next Lower is San Andres - Top of SA is @ 3911'.

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. ATTACHED

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: ATTACHED

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

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

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

INJECTION WELL DATA SHEET

OPERATOR: XTO Energy, Inc.

WELL NAME & NUMBER: Emice Monument South Unit #111

WELL LOCATION: 1980' FNL & 1900' FWL
FOOTAGE LOCATION

F UNIT LETTER

30 SECTION

20-S TOWNSHIP

37-E RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole size: 17 1/2 Casing size: 12 1/2

Cemented with: 200 sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole size: 11 Casing size: 8 5/8

Cemented with: 600 sx. or ft³

Top of Cement: 300 Method Determined: TS

Production Casing

Hole size: 7 3/4 Casing size: 6 5/8

Cemented with: 100 sx. or ft³

Top of Cement: 2679 Method Determined: Calculated

Total depth: 3891

Injection Interval

3634 feet to 3891

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8 Lining Material: IPC

Type of Packer: 6 5/8" Injection (Tension) Pkr.

Packer Setting Depth: 3500

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

Additional Data

i. Is this a new well drilled for injection? _____ Yes x No

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

2. Name of the Injection Formation: Grayburg

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

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. see wellbore diagram

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

San Andres @ 3911' Below

Penrose @ 3438' Above

XTO Energy, Inc.
Eunice Monument South Unit #111W
API No. 30-025-06283
Section 30, T-20S, R-37E
Lea County, New Mexico
C-108 (Application for the Authorization to Inject)

VII. Data For Proposed Operation

1. Proposed Daily Rate & volume of fluids to be injected;

Maximum: 2000 BWPD

Average: 1000 BWPD

2. Open or Closed System: Closed

3. Proposed average and maximum injection pressure:

Maximum: 710 psig

Average: 710 psig

4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, Produced Water
5. If injection is for disposal purposes into a zone no productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water.

N/A

VIII. Geological Data

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.

The injection zone is the Grayburg dolomite. This formation is approximately 275' thick in this area and begins at a measured depth of 3,620'. There are no known sources of drinking water below the injection zone.

IX. Stimulation Program

Describe the proposed Stimulation program: Sonic Hammer acidize OH (3727'-3891') and Perfs (3634-3684') w/4000 gals 20% NEFE 90/10 acid.

X. Logging – Text Data on Well

Log attached. No well test information available due to well being TA'd for years.

XI. Chemical Analysis

Chemical Analysis of fresh water from two or more fresh water well within one Mile of any injection or disposal well showing location of wells and dates samples were taken. Water and Chemical Analysis are attached.

XII. Geological Statement

XTO has examined the available geologic and engineering data and we find there are no known faults or fractures in the well or area that would provide a connection between the injection zone and potential sources of water.

XIII. Proof of Notice

Proof of Notice on Attached Page.

XTO Energy, Inc. (Operator Ogrid No. 005380)
Eunice Monument South Unit #111W (API# 30-025-06283)
Application for New Injection Permit
Requested Permitted Interval: 3634' – 3891'
Eunice Monument-Grayburg San Andres Pool
1980' FNL & 1900' FWL, Unit Letter F, Section 30, T-20S, R-37E
Lea County, New Mexico

Application Notice Given to:

Mineral & Surface Owner:

New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

Jimmie Cooper
7108 West County Road 43
Monument, NM 88266

Operators of wells within a ½-mile radius:

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

Burgandy Oil & Gas of NM Inc.
401 W Texas Ste 1003
Midland, TX 79701

Chevron USA Inc.
15 Smith Road
Midland, TX 79705

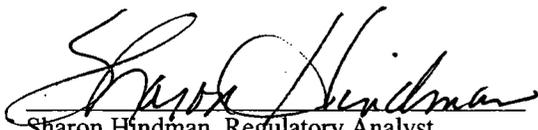
Hudson Oil of Texas
616 Texas Street
Ft. Worth, TX 76102

Pre-Ongard Well Opr.
1220 S St. Francis
Santa Fe, NM 87502

Newspaper Notice to Public:

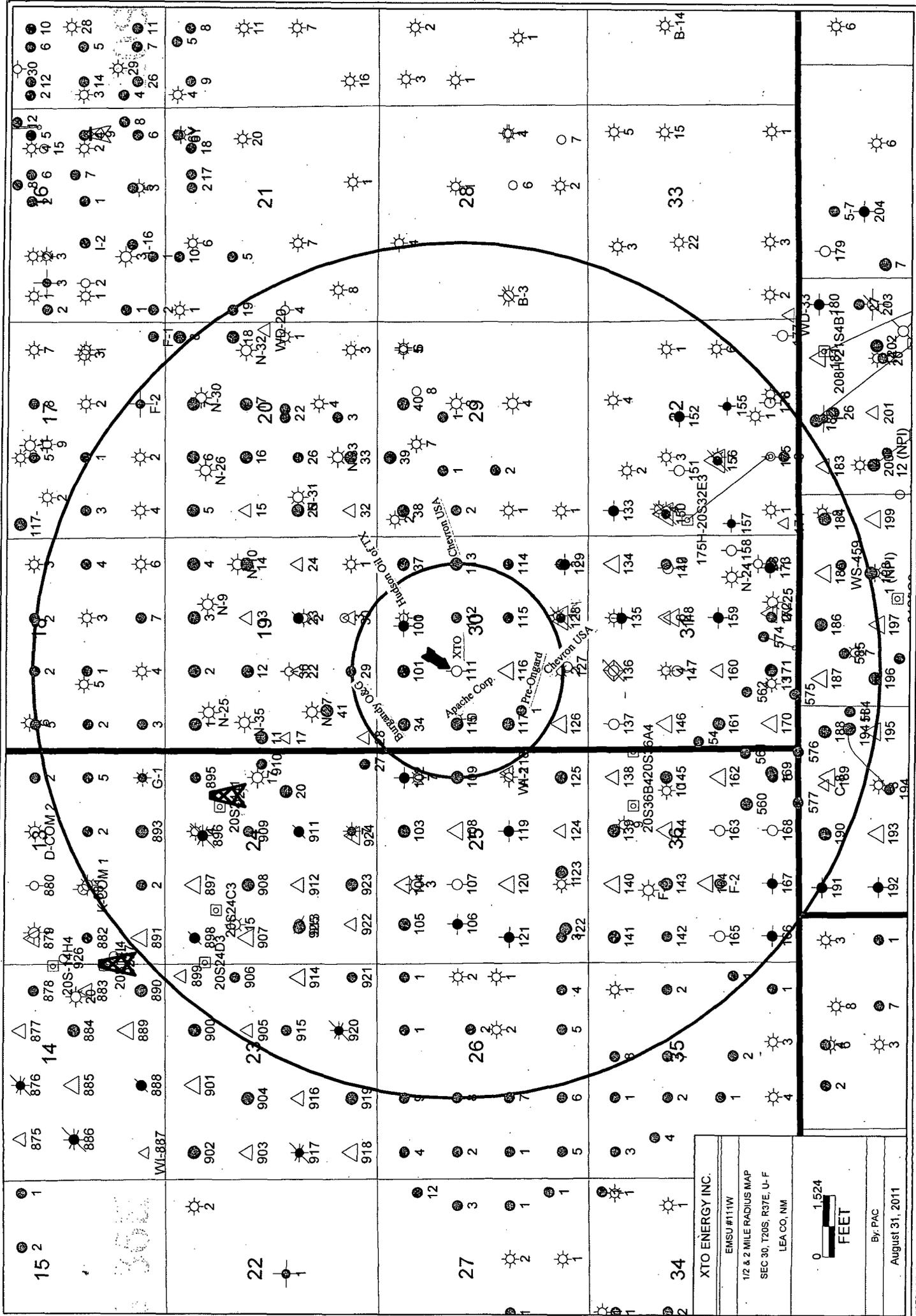
Hobbs Daily News-Sun
201 N Thorp
P. O. Box 936
Hobbs, NM 88241
Tel. No. 575-393-2123

I, Sharon Hindman, do certify that on October 14, 2011 the above listed interested parties were mailed copies of the application to inject for the Eunice Monument South Unit #111W well.



Sharon Hindman, Regulatory Analyst
XTO Energy, Inc.

sharon_hindman@xtoenergy.com



XTO ENERGY INC.
 ENSU#111W
 1/2 & 2 MILE RADIUS MAP
 SEC 30, T20S, R37E, U- F
 LEA CO, NM

0 1,524
FEET

By: PAC
 August 31, 2011

UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT SUMMARY PAGE

Nature of Permit
 New Permit
 Amend Existing Permit
 Injection Pressure Increase
 Renew Discharge Plan
 Other(Specify) _____

Number of Wells
 Single Well
 Multiple Wells
 _____ Specify Number Wells

Approval Process
 Administrative
 Hearing
 If Hearing: Case No. _____
 Order No. R- _____

Reviewer
 Ezeanyim
 Brooks
 Jones
 Warnell

OH & Perf 3634 - 3891' (TD)

Quarter in which Permit Issued
 1st (October-December)
 2nd (January-March)
 3rd (April-June)
 4th (July-September)

Type of Permit
 SWD Well
 Waterflood or Pressure
 Maintenance Injection Well
 Class III Brine Well
 Other(Specify) _____

Final Outcome
 Application Approved
 Application Denied
 Application Returned

WFX-893 Permit Number
 No. 10/11 Permit Date
 EXT Energy Inc. Operator

Area of Review (AOR) Well Data

Area of Review Wells

15 Total Number of Area of Review Wells
 5 Plugged and Abandoned Area of Review Wells
 8 Active Area of Review Wells

Area of Review Wells to be Repaired

0 P&A Wells
 0 Active Wells

Injection/Disposal Well Classification

_____ New Wells (Wells were Drilled After March 7, 1982 - New Mexico Primacy Date)
 X Existing Wells (Wells were Drilled Prior to March 7, 1982)