

11/26/07 DATE IN	SUSPENSE	W Jones ENGINEER	11/26/07 LOGGED IN	SWD TYPE 1114	PKUR.0733053538 APP NO
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ABOVE THIS LINE FOR DIVISION USE ONLY

Lost Notice
Mailed 1/25/08
(To S.L.O.)

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



X TO
Perman to State
LEA Co.

ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

Print or Type Name	Signature	Title	Date
e-mail Address			

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: XTO Energy, Inc.

ADDRESS: 200 N. Loraine, Ste. 800 Midland, TX 79701

CONTACT PARTY: Kristy Ward PHONE: 432-620-6740

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

IV. Is this an expansion of an existing project? _____ Yes X No
If yes, give the Division order number authorizing the project: N/A

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. **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. **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 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. **Attached.**

IX. Describe the proposed stimulation program, if any. **Attached.**

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **Logs Attached.**

*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. **Water & Chemical Analysis 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 sources of drinking water. **Attached.**

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

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: Kristy Ward TITLE: Regulatory Analyst

SIGNATURE: Kristy Ward DATE: November 12, 2007

E-MAIL ADDRESS: kristy_ward@xtoenergy.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: _____

2007 NOV 12 PM 1:52 RECEIVED

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: **Wellbore Diagrams 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. **San Andres-Abo Pool**
- (2) The injection interval and whether it is perforated or open-hole. **4600' – 7766' Perforated**
- (3) State if the well was drilled for injection or, if not, the original purpose of the well. **Oil 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. **See Wellbore Diagram Attached.**
- (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.
Above – Grayburg – 4008' Below – Wolfcamp – 8387'

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. **The Surface is owned by the State of New Mexico. 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.

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
 Santa Fe, NM 87505

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

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

WELL API NO. 30-025-34760
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name Goodwin State 10
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	
2. Name of Operator Marathon Oil Company	8. Well No. 1
3. Address of Operator P.O. Box 2490 Hobbs, NM 88240	9. Pool name or Wildcat Goodwin; Abo

4. Well Location
 Unit Letter **L** : **2160** Feet From The **South** Line and **330** Feet From The **West** Line
 Section **31** Township **18-S** Range **37-E** NMPM **Lea** County

10. Date Spudded 11/23/99	11. Date T.D. Reached 12/12/99	12. Date Compl.(Ready to Prod.) 12/22/99	13. Elevations(DF & RKB, RT, GR, etc.) GL 3734' KB 3745'	14. Elev. Casinghead
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15. Total Depth 7792'	16. Plug Back T.D. 6750' CIBP	17. If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By X	Rotary Tools	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name Goodwin; Abo 7382-7699'	20. Was Directional Survey Made Yes - See Attached
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21. Type Electric and Other Logs Run Yes-See Attached	22. Was Well Cored
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CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	1298'	12 1/4"	605 sxs	
5 1/2"	15.5/17#	7792'	8 3/4"	2010 sxs	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
7382-96'	7634-59'
7407-24'	7679-99'
7575-95'	
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	7634-7659' Cmt sqz w/200 sxs Prem cmt
	7382-7699' Acidize w/5000 gals 15% sour acid
	7382-7595' 4000 gals G30 w/8000 gals 15% acid

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-In)	
						TA	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

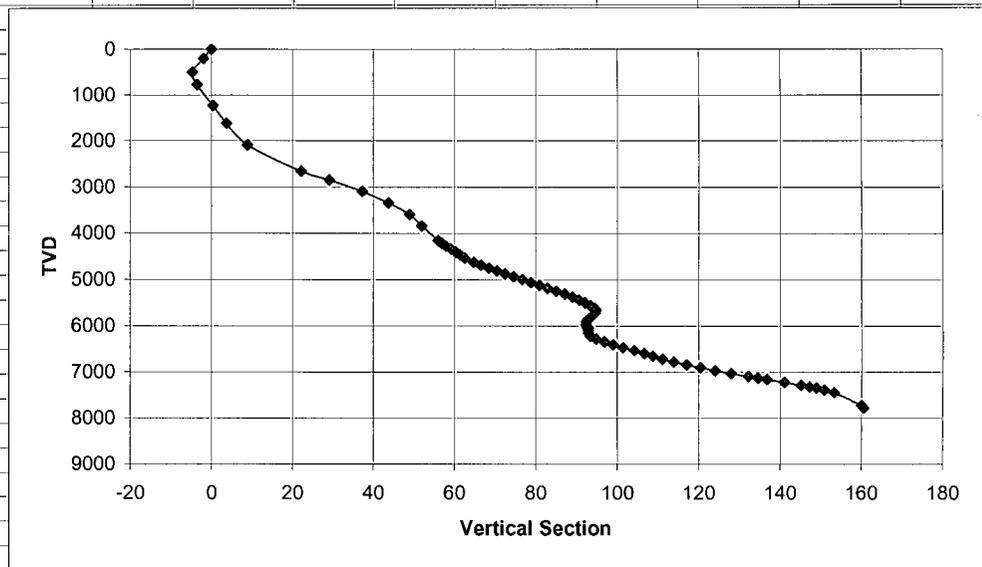
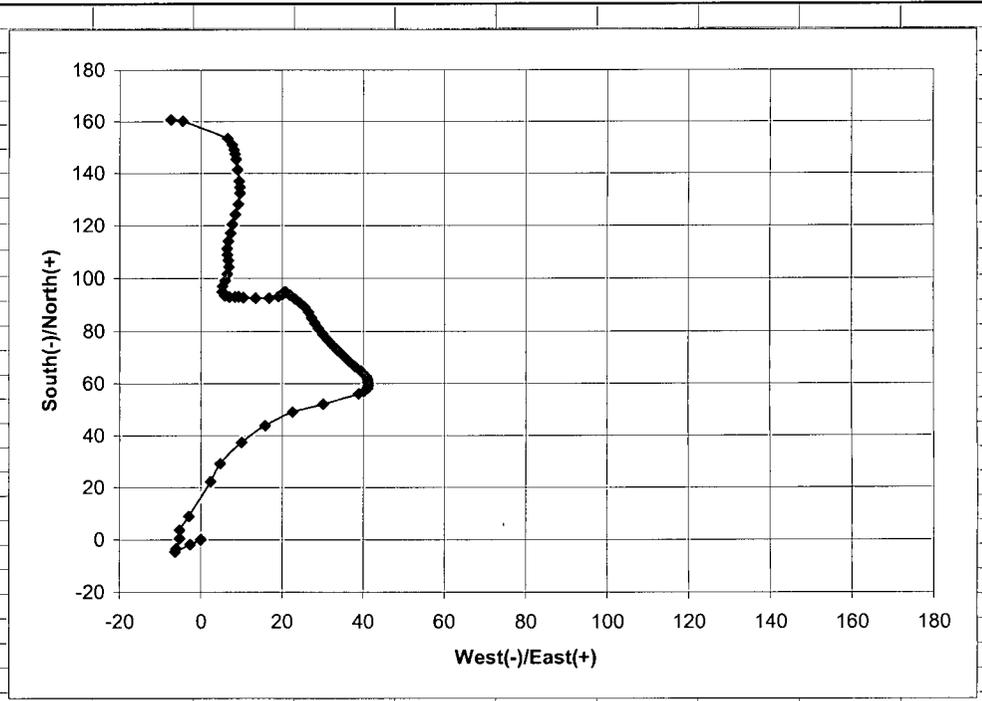
29. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
--	-------------------

30. List Attachments
Deviation survey logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Kelly Cook* Printed Name **Kelly Cook** Title **Records Processor** Date **5/31/00**

E/W	N/S	VS	TVD
0	0	0	0
-2.59	-1.95	-1.95	211
-6.22	-4.69	-4.69	509
-5.98	-3.54	-3.54	778
-5.18	0.39	0.39	1237
-5.15	3.72	3.72	1625
-2.86	8.89	8.89	2096
2.49	22.18	22.18	2657
4.83	29.15	29.15	2845
10.01	37.34	37.34	3096
15.8	43.77	43.77	3344
22.55	48.95	48.95	3594
30.17	51.99	51.99	3844
38.89	55.97	55.97	4159
40.27	56.96	56.96	4221
41.1	57.99	57.99	4284
41.25	59.1	59.1	4346
41.2	60.3	60.3	4409
41.2	61.4	61.4	4472
40.91	62.49	62.49	4535
39.38	64.71	64.71	4629
37.86	66.54	66.54	4692
36.43	68.49	68.49	4755
35.12	70.48	70.48	4817
33.83	72.48	72.48	4879
32.51	74.59	74.59	4942
31.22	76.73	76.73	5005
30.02	78.84	78.84	5066
28.94	80.93	80.93	5129
28.07	82.94	82.94	5192
27.26	85.02	85.02	5255
26.47	87.13	87.13	5318
25.53	89.06	89.06	5381
24.4	90.67	90.67	5443
23.18	92.15	92.15	5506
21.97	93.57	93.57	5568
20.98	94.68	94.68	5631
20.7	94.92	94.92	5662
20.43	94.68	94.68	5725
20.09	93.94	93.94	5787
19.08	93.1	93.1	5850
16.73	92.55	92.55	5913
13.5	92.47	92.47	5974
10.44	92.78	92.78	6037
9.29	92.96	92.96	6068
8.38	92.97	92.97	6099
6.99	92.97	92.97	6161
5.95	93.5	93.5	6224
5.33	94.91	94.91	6286
5.39	96.95	96.95	6349
6.01	99.08	99.08	6411
6.59	101.53	101.53	6474
6.86	104.22	104.22	6537
6.77	106.71	106.71	6600
6.55	108.84	108.84	6661
6.51	111.19	111.19	6724
6.82	113.94	113.94	6786
7.33	117.06	117.06	6848
7.75	120.47	120.47	6911
8.42	124.12	124.12	6974
9.23	128.04	128.04	7036
9.63	132.32	132.32	7099
9.62	134.55	134.55	7130
9.49	136.76	136.76	7161
9.1	141.11	141.11	7224
8.68	145.23	145.23	7286
8.42	147.22	147.22	7318
8.12	148.97	148.97	7349
7.73	150.89	150.89	7390
6.66	153.27	153.27	7449
-4.45	160.07	160.07	7729
-7.34	160.58	160.58	7785



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-34760
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name GOODWIN STATE
8. Well No. 1
9. Pool name or Wildcat GOODWIN ABO
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3734 G.L.

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
Marathon Oil Company

3. Address of Operator
P.O. Box 552, Midland, TX 79702

4. Well Location
Unit Letter L/3 : 2160 Feet From The SOUTH Line and 330 Feet From The WEST Line
Section 31 Township 18-S Range 37-E NMPM LEA County

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: _____ <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: _____ <input type="checkbox"/>

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

11/24/99 - MIRU TMBR/ Sharp # 10. Spud 12.25" hole @ 0830 hrs, drilled to 1298'. Ran 9.625", 36#, K-55 csg to 1298'. Cemented w/ 450 sx Premium Plus w/ 2% cacl2, 4% gel, Tailed in w/ 155 sx premium Plus. Circulated 110 sx., cement. WOC 42 hrs. NU 11" 3m dual ram BOPE. Tested BOPE to 3000 psi, tested casing to 1000 psi. . Drilled float and resumed drilling formation with 8.75" bit to 7790'. T.D. well @ 0230 hrs 12/10/99.

Logged w/ Platform Express 7792' - surface. LD DP and ran production casing as follows: 173 jts 5 1/2", 17#, N-80 & K-55 and 15.5# K-55 new casing to 7790'. Shoe @ 7789', float collar @ 7748'.

Cemented production casing w/ 685 sx Mod. Super Premium, bumped plug and shifted DV tool, circulated 99 sx to pit. Circulated 2nd stage w/ 1225 sx Interfil Prem Plus, tailed in w/ 100 sx 50/50 prem poz. Bumped plug and closed tool, circulated 32 sx to pit.

N.D. stack and installed 7- 1/16" 3M tubing spool. Released rig @ 0330 hrs 12/12/99.

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

SIGNATURE Walter J. Queary, Jr. TITLE DRILLING SUPERINTENDENT DATE 12/16/99

TYPE OR PRINT NAME R. J. LONGMIRE TELEPHONE NO. 800/351-1417

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MP

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

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

Submit to appropriate District Office

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address XTO ENERGY INC 200 N. LORAIN ST., STE. 800 MIDLAND, TX 79701		² OGRID Number 5380
		³ APT Number 30 - 025-34760
⁵ Property Code 36718	⁴ Property Name GOODWIN 10 STATE SWD	
⁹ Proposed Pool 1 SWD-SA-DRINKARD-ABO		⁶ Well No. 1
		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	31	18S	37E		2160	SOUTH	330	WEST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

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

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code S	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3734'
¹⁶ Multiple NO	¹⁷ Proposed Depth 7792'	¹⁸ Formation SWD-SA-DRINKARD-ABO	¹⁹ Contractor KEY ENERGY	²⁰ Spud Date ASAP
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System <input checked="" type="checkbox"/> Per SF Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

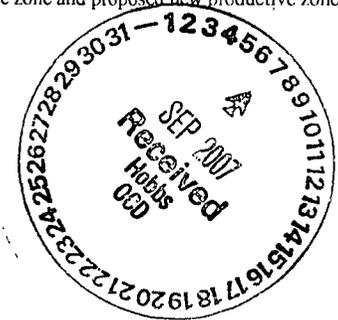
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	1298'	605 sxs	SURFACE
8 3/4"	5 1/2"	15.5# / 17#	7792'	2010 sxs	SURFACE

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill out plugs located at surf-60', 1205-1482', 4131-4328', and 6805-6900'.
Perforate well in SA, Drinkard, ABO
Stimulate well with acid.
Run IPC tubing and packer. Test annulus to 500 psi.
Begin injection.

** C-108 in process of being filed.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

Signature: *Sorina L. Flores*

Printed name: SORINA L. FLORES

Title: DRILLING TECH

E-mail Address: sorina_flores@xtoenergy.com

Date: 9/6/2007

Phone: 432-620-6749

OIL CONSERVATION DIVISION	
Approved by:	<i>Chia Williams</i>
Title:	DC DISTRICT SUPERVISOR/GENERAL MANAGER
Approval Date:	OCT 30 2007
Expiration Date:	

"CONDITION FOR APPROVAL" Approval for Re-Entry. CANNOT dispose into the wellbore without a Saltwater Disposal order approved by the Santa Fe OCD Office

INJECTION WELL DATA SHEET

OPERATOR: XTO Energy, Inc.

WELL NAME & NUMBER: Goodwin 10 State #1

WELL LOCATION: 2160' FSL & 330' FWL L 31 18S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 12 1/2" Casing Size: 9 5/8"

Cemented with: 605 sx. or ft³

Top of Cement: Surface Method Determined: Circulated
Intermediate Casing

Hole Size: N/A Casing Size:

Cemented with: sx. or ft³

Top of Cement: Method Determined:
Production Casing

Hole Size: 8 3/4" Casing Size: 5 1/2"

Cemented with: 2010 sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 7792'

Injection Interval

4600' feet to 7766' Perforated

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: IPC

Type of Packer: Baker Lok

Packer Setting Depth: 4650'

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

Additional Data

1. Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled? Oil Producer

2. Name of the Injection Formation: San Andres-Abo

3. Name of Field or Pool (if applicable): San Andres-Abo Pool

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. **No. 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: Yates 2793'

Seven Rivers 3085'

Queen 3717'

Grayburg 4090'

XTO Energy Inc.
Goodwin 10 State SWD #1
API # 30-025-34760
NW SW Section: 31, Township: 18S, Range: 37E
Lea County, New Mexico
C-108 (Application for the Authorization to Inject)

VII. Data For Proposed Operation

1. Proposed average and maximum daily rate and volume of fluids to be injected.
Average daily rate – 1000 BWIPD; Maximum Daily Rate – 3000 BWIPD.
Volume of fluids to be injected – 10,000,000 BW.
2. System is closed.
3. Proposed average and maximum injection pressure – Average – 1000 psi;
Maximum – 2000 psi.
4. The source of the injection fluids will be the produced water from existing producers (see attached water analysis).
5. Well is productive in this interval within one mile, so no analysis is necessary.

VIII. Geologic Data

Fresh water is contained in the Ogallala Formation made up of alluvial fill from the surface to the top of the Triassic Red Beds at a depth of approximately 200 ft. Surface casing on the most recently drilled wells in the 0.5 mile area of review average 365 feet deep.

The proposed disposal interval is the San Andres – Abo Pool. A review of the 13 wells in the 0.5 mile area of interest indicates that the disposal or injection zone is primarily the San Andres to the Drinkard. Above the Drinkard is the Tubb Formation and above the Tubb is the Blinbry Formation. Above the Blinbry is the Paddock Formation and above the Paddock is the Glorieta Formation. Above the Glorieta is the San Andres Formation and above the San Andres is the Grayburg Formation. Above the Grayburg is the Queen Formation and above the Queen is the Seven Rivers Formation. Below the Drinkard is the Abo Formation. The Drinkard and San Andres are carbonate reservoirs of Permian age. There are no known fresh water intervals below the Drinkard Formation.

IX. Proposed Stimulation Program

1. Drill-out old plugs from P&A. Drill well to TD of 7785. POH.
2. TIH and perforate @ 6820'-7050' and stimulate w/10,000 gals of 20% NEFE Acid.
3. Swab load and test injectively.
4. TIH and set RBP @ 7250'. Perforate from 6155'-6290'. Stimulate w/6,000 gals of 20% NEFE Acid.
5. Swab load and test injectively.
6. Perforate 5380'-5883' and stimulate w/10,000 gals of 20% NEFE Acid.
7. Swab load and test injectively.
8. Perforate from 4700'-4770' and stimulate w/5,000 gals of 20% NEFE Acid.
9. Swab load and test injectively.
10. TIH w/ 2 3/8" IPC lined tubing and Baker Lok-set packer and set above San Andres and begin injection.

X. Well Test Information

No well Test Information available due to well being PA'd. Logs are attached.

XI. Chemical Analysis

Water and Chemical Analysis are attached.

XII. Geological Statement

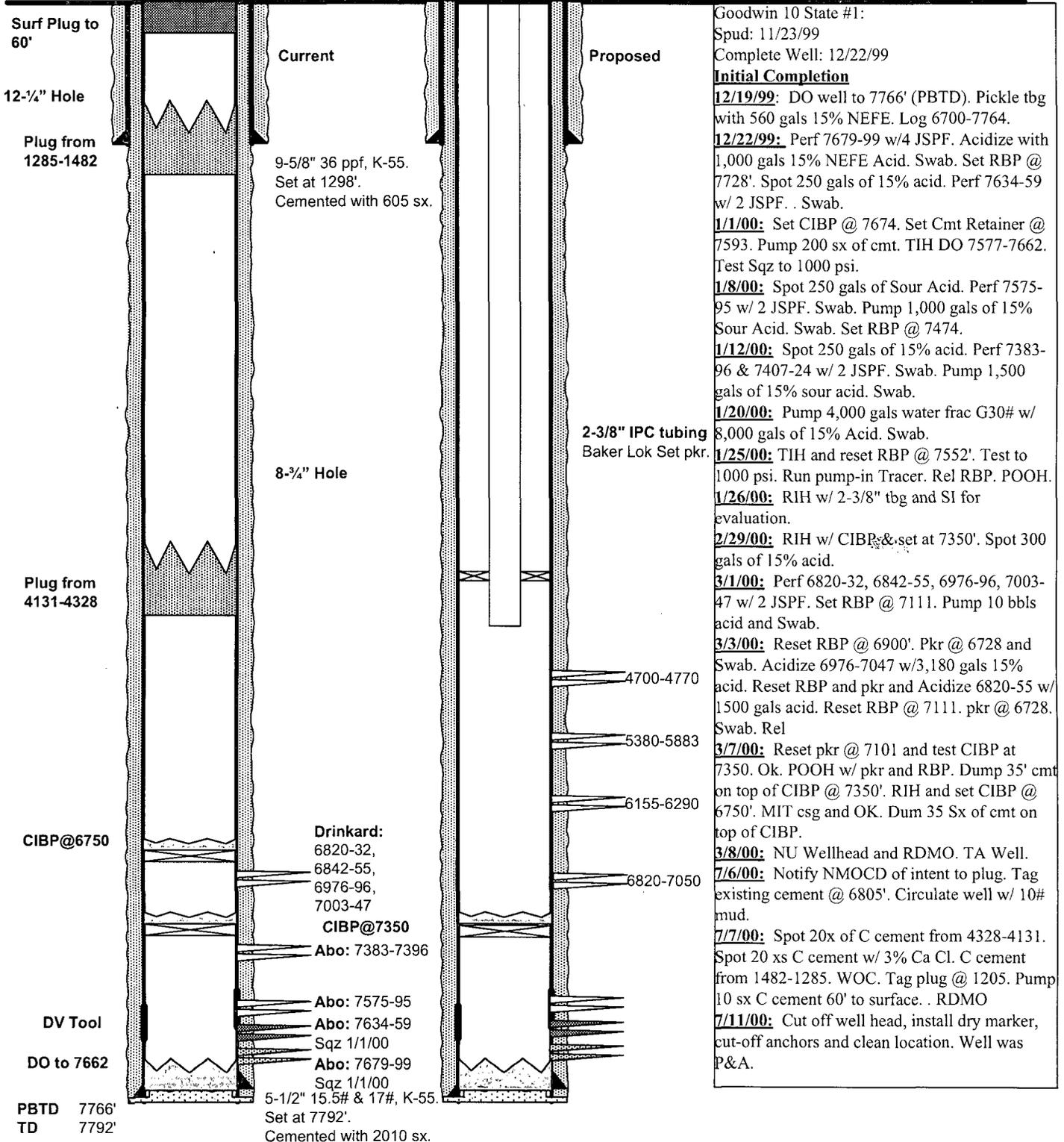
Available geological and engineering data has been examined and no evidence has been found of any open faults or other hydrologic connection between the disposal zone and any underground source of drinking water.

XTO ENERGY



Well: Goodwin 10 State #1
 Area: North Monument
 Location: Unit L; Sec 31-T18S-R37E
 County: Lea
 Elevation: 3734' GL; 3746' KB

WI: 100.000000%
 NRI: 87.500000%
 Spud: 11/23/99
 State: New Mexico



Goodwin 10 State #1:
 Spud: 11/23/99
 Complete Well: 12/22/99
Initial Completion
12/19/99: DO well to 7766' (PBTD). Pickle tbg with 560 gals 15% NEFE. Log 6700-7764.
12/22/99: Perf 7679-99 w/4 JSPF. Acidize with 1,000 gals 15% NEFE Acid. Swab. Set RBP @ 7728'. Spot 250 gals of 15% acid. Perf 7634-59 w/ 2 JSPF. . Swab.
1/1/00: Set CIBP @ 7674. Set Cmt Retainer @ 7593. Pump 200 sx of cmt. TIH DO 7577-7662. Test Sqz to 1000 psi.
1/8/00: Spot 250 gals of Sour Acid. Perf 7575-95 w/ 2 JSPF. Swab. Pump 1,000 gals of 15% Sour Acid. Swab. Set RBP @ 7474.
1/12/00: Spot 250 gals of 15% acid. Perf 7383-96 & 7407-24 w/ 2 JSPF. Swab. Pump 1,500 gals of 15% sour acid. Swab.
1/20/00: Pump 4,000 gals water frac G30# w/ 8,000 gals of 15% Acid. Swab.
1/25/00: TIH and reset RBP @ 7552'. Test to 1000 psi. Run pump-in Tracer. Rel RBP. POOH.
1/26/00: RIH w/ 2-3/8" tbg and SI for evaluation.
2/29/00: RIH w/ CIBP & set at 7350'. Spot 300 gals of 15% acid.
3/1/00: Perf 6820-32, 6842-55, 6976-96, 7003-47 w/ 2 JSPF. Set RBP @ 7111. Pump 10 bbls acid and Swab.
3/3/00: Reset RBP @ 6900'. Pkr @ 6728 and Swab. Acidize 6976-7047 w/3,180 gals 15% acid. Reset RBP and pkr and Acidize 6820-55 w/ 1500 gals acid. Reset RBP @ 7111. pkr @ 6728. Swab. Rel
3/7/00: Reset pkr @ 7101 and test CIBP at 7350. Ok. POOH w/ pkr and RBP. Dump 35' cmt on top of CIBP @ 7350'. RIH and set CIBP @ 6750'. MIT csg and OK. Dum 35 Sx of cmt on top of CIBP.
3/8/00: NU Wellhead and RDMO. TA Well.
7/6/00: Notify NMOC of intent to plug. Tag existing cement @ 6805'. Circulate well w/ 10# mud.
7/7/00: Spot 20x of C cement from 4328-4131. Spot 20 xs C cement w/ 3% Ca Cl. C cement from 1482-1285. WOC. Tag plug @ 1205. Pump 10 sx C cement 60' to surface. . RDMO
7/11/00: Cut off well head, install dry marker, cut-off anchors and clean location. Well was P&A.

XIII. Proof of Notice

Proof of Notice on Attached Page.

XIV. Surface Owner

State of New Mexico
Grazing Permit is GT-3046
Bruce & Arlene Carlin Estate
c/o Timothy J. Carlin
P.O. Box 188
Monument, NM 88265

***Notification was not sent to the State of New Mexico. Please advise if we need to.**

Offset Operators Within Half-Mile Radius (active wells)

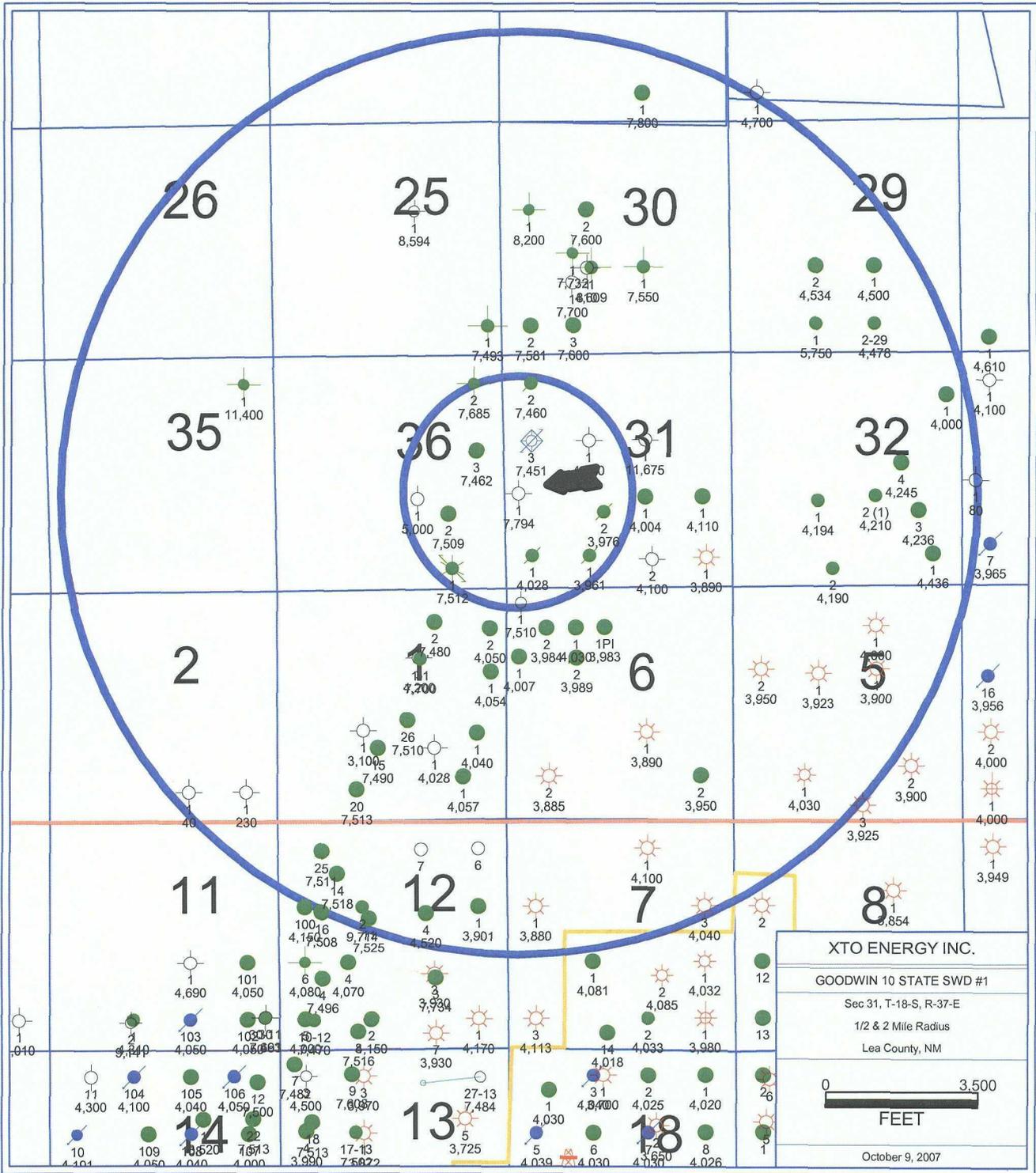
HRC, Inc.
P.O. Box 5102
Hobbs, NM 88241

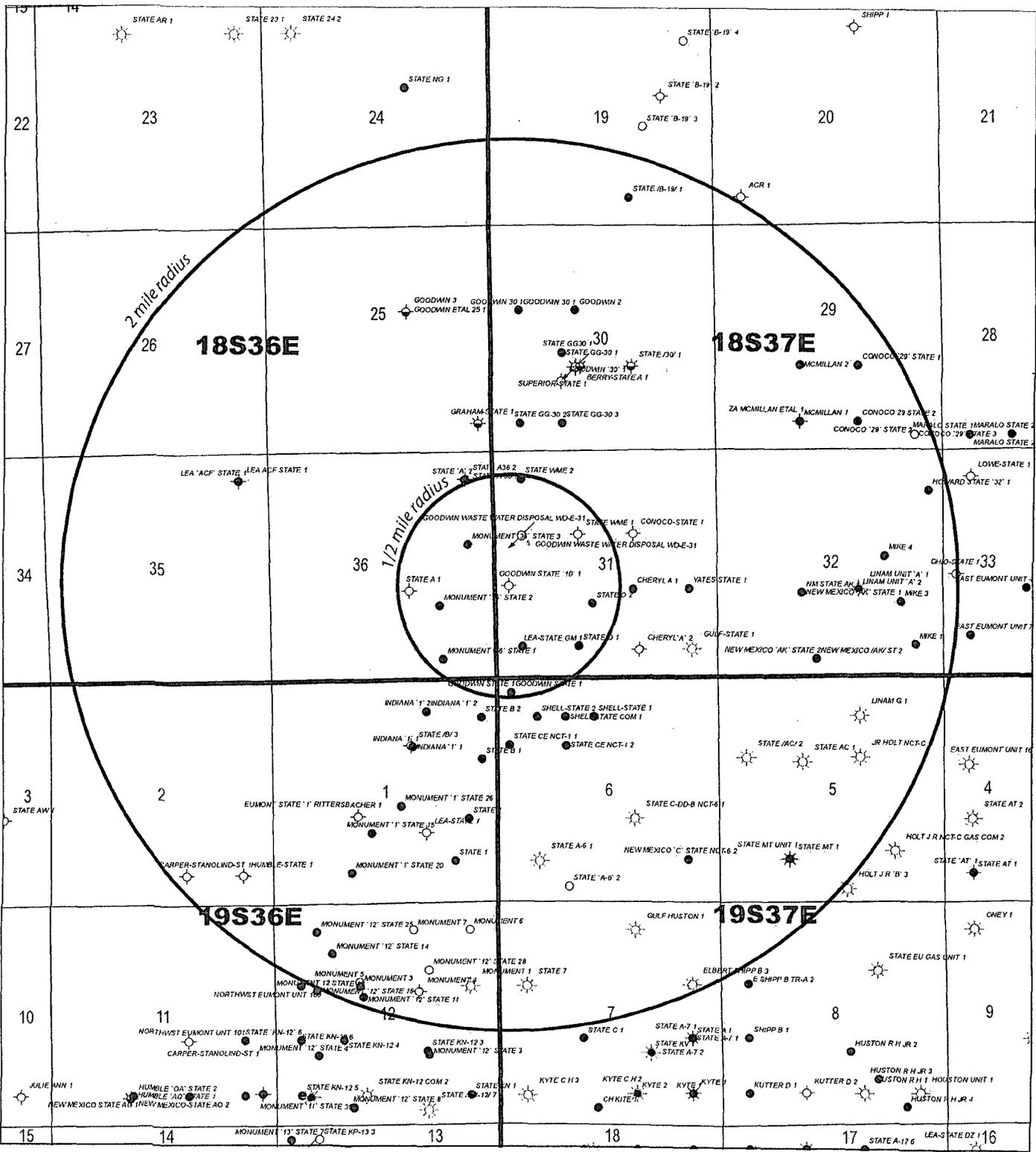
XTO Energy Inc.
200 N. Loraine, Ste. 800
Midland, TX 79701

***Notification was not sent to all other offset operators due to P&A'd wells. Please advise if we need to.**

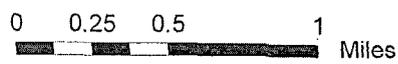
I, Kristy Ward, do hereby certify that on November 16, 2007, the above and attached listed interest parties were mailed copies of the application to dispose of water in the Goodwin 10 State #1 Well.

Kristy Ward
Regulatory





Lea County, New Mexico

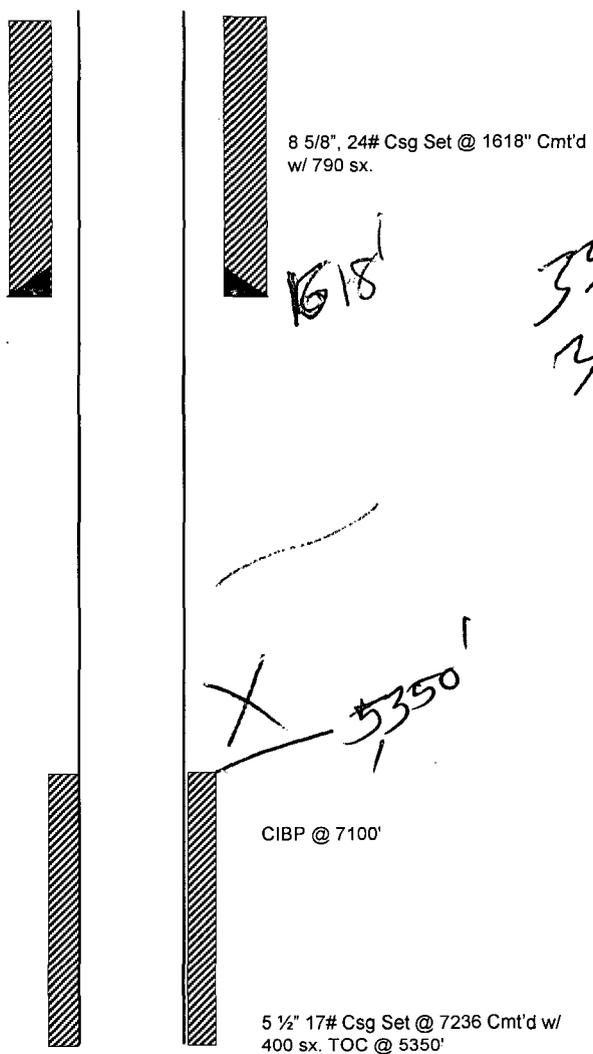


Amerada Petroleum Corp.

GOODWIN STATE # 1

~~660' FWH @ 1980' FWL, UNIT D, S-31, T-18-S, R-37-E~~
LEA CO.

56/195/37E



330 FWL
330 FWL

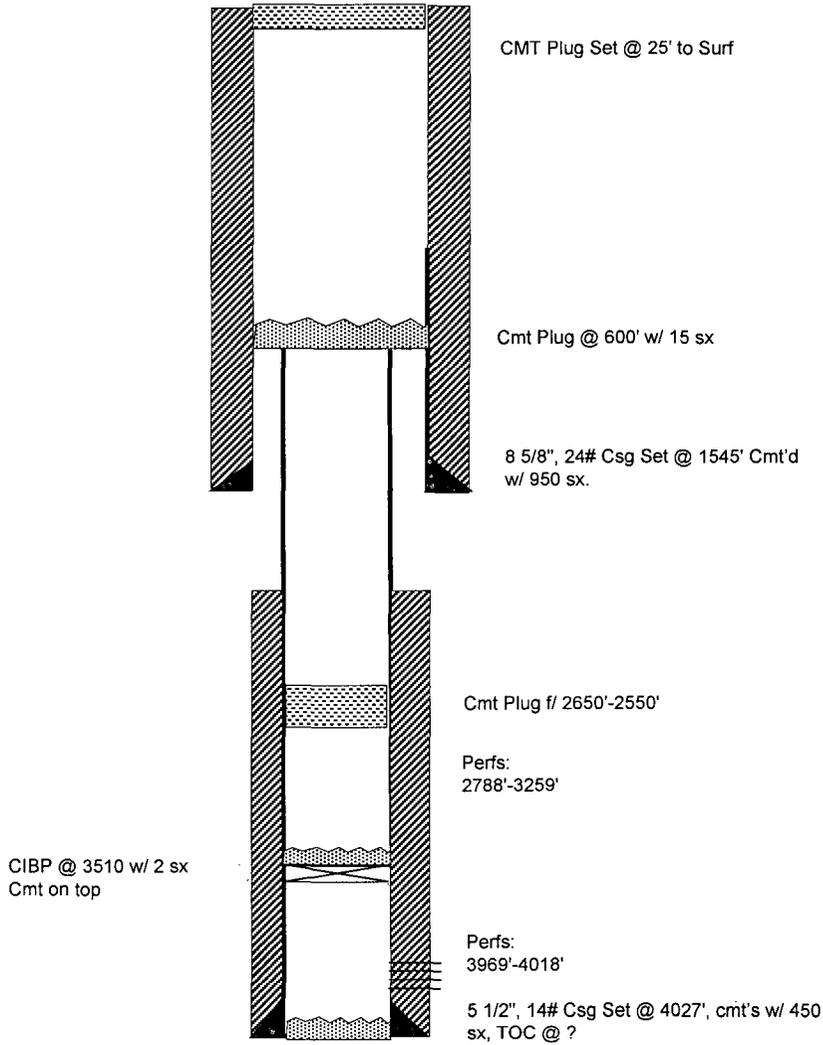
This well is
near/at the 1/2 mile
boundary.

TD: 7270

Well Plugged
Nov 1959

Gulf Oil Corporation

LEA STATE "CM" #1
660' FSL & 660' FWL, UNIT M, S-31, T18-S,R-37-E
LEA CO.



TD: 3961

S. Holloway

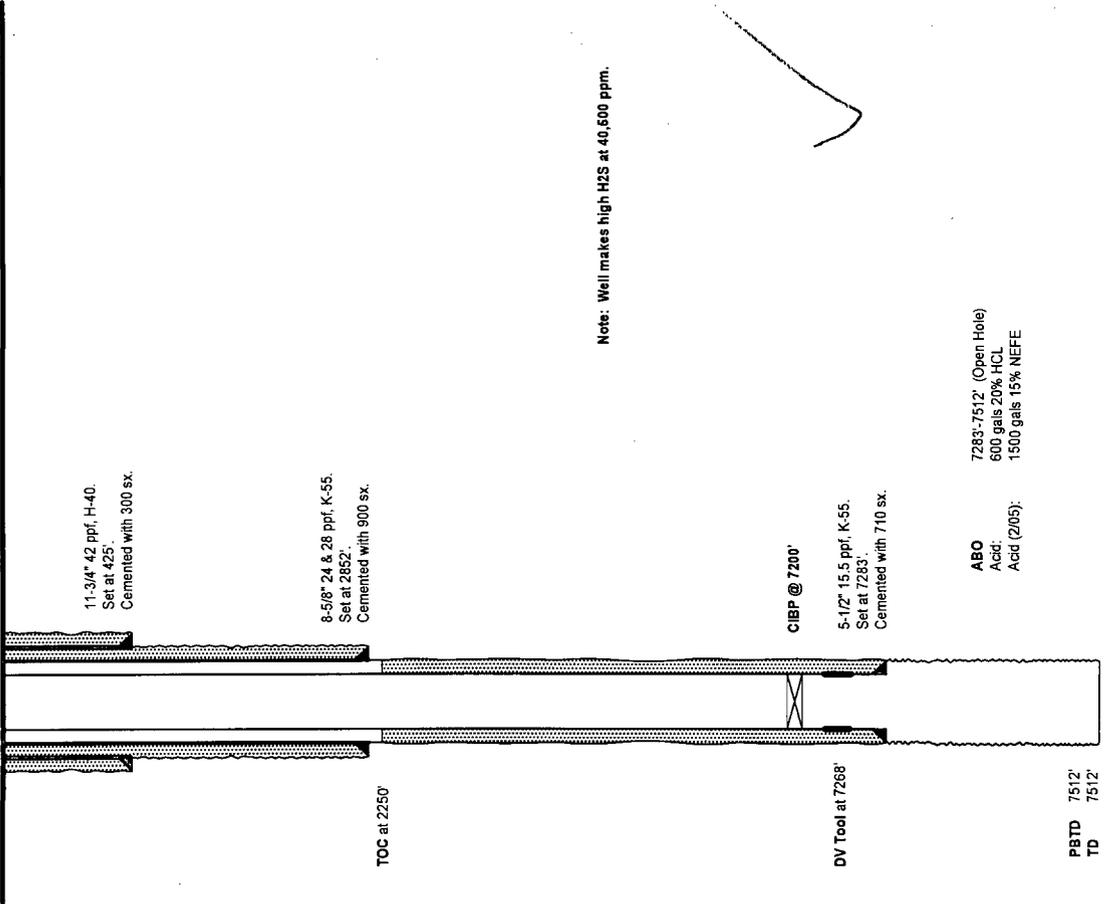
MOUNUMENT STATE 36 #1

WELLBORE DIAGRAM

XTO ENERGY

Well: Monument State 36-1
 Area: North Monument
 Location: Section 36-18S-36E
 County: Lea
 Elevation: 3739' GL 3752' KB

WI: 100.00000000%
 NRI: 87.50000000%
 Spud: 1/27/1999
 State: New Mexico



Note: Well makes high H2S at 40,600 ppm.

DATA

LOCATION: 384' FSL & 1216 FEL SEC 36-18S-36E
 COUNTY/STATE: LEA COUNTY, TEXAS
 FIELD: GOODWIN (ABO)
 FORMATION:
 SPUD DATE: 1/24/99
 INITIAL IP: P 24 HRS, REC 0 BO, 320 BW & 15 MCF W/1 1/2" PMP.
 API #: 30-025-34560
 PRODUCTION METHOD: FLOWING

HISTORY

- 01/24/99: SPUD WELL.** DRL TO 425'. SET 11 3/4" CSG.. CMT W/300 SX CL 'C'. CIRC TO SURF. DRL TO 2852'. SET 8 5/8" CSG. CMT W/900 SX CL 'C'. CIRC TO SURF. DRL TO 7512'. SET 5 1/2" CSG @ 7283'. CMT W/260 SX CL 'C' & 450 SX CL 'H'. TOC @ 2250'.
- 02/15/99:** TOH. RUN CBL. CIRC BTMS UP. **PERF** 7278-7512' (OH). **ACDZ** IN OH W/600 GALS 20% HCL. RUN 2 7/8" 6.5# L-80 8RD TBG. SET @ 7650'. TIH TO 7236'. ND BOP, NU WH. LOAD & TST ANN TO 500#. RU SW & FLOWLINE. CLEAN LOC.
- 02/16/99: FLOWING.** PUT ON 30/64" CHK. 200 PSI REC 25 BBLS 90% OIL & 10% OIL. TURN WELL OVER TO PROD.
- 10/20/04: REPAIR ROD PART.** POH. FOUND ROD PARTED @ 3485'. RIH W/FISHING TOOLS ON CO-ROD. LATCHED ONTO FISH @ 3485'. POH W/TOOLS & CO-ROD. FOUND SLIPS TO FISHING TOOL MISSING. ATTEMPT TO TWICE TO RIH W/FISHING TOOLS ON CO-ROD BUT COULDN'T GET BELOW 1200'. POH. RU. PMP 20 BBLS 9# BRINE. DWN TCA. REL TAC. POH. SWAB TBG DWN.
- 10/22/04:** POH W/TBG TO TOP OF CO-ROD FISH. RU CO-ROD UNIT & SPOOL. LATCHED ONTO CO-ROD & PARTED PMP SHEAR TOOL. POH. SWB TBG TO TOP OF PMP. FPOH W/TBG & PMP. COULDN'T GET PMP OUT OF TBG DUE TO SCALE.
- 10/23/04:** PU & RIH W/BPMA, PS, SN, 1 JT 2 7/8" IPC TBG, 8 JTS 2 7/8" TBG, TAC & 228 JTS 2 7/8" TBG. SET TAC W/ 16 PTS TENSION.
- 10/24/04:** PU & RIH W/12" GAS ANCHOR, 2.5" X 1.50" X 24" RHBC PMP, 3/4" X 4" STAB ROD, 12 - 1 1/2" K-BARS, 180 - 3/4" NORRIS 97 RODS, 104 - 7/8" NORRIS 97 RODS, 7/8" X 6" PONY ROD & 1 1/2" X 26" PR LINER. RDMO PU.
- 11/03/04:** P 24 HRS, REC 0 BO, 320 BW & 15 MCF W/1 1/2" PMP RING 7.4 SPM & 168 SL. 100% POC RUN TIME. FL 3267' FAP.
- 02/01/05:** MIRU. UNSEAT PMP. POH W/RODS & PMP. PULL ROD BADLY PITTED DUE TO BACTERIA. POH W/TBG.
- 02/02/05:** RIH W/TST-3 PKR ON 230 JTS 2 7/8" TBG TO 7240'. FOUND SPLIT IN TBG 56 JTS ABOVE SN. LEFT PKR @ 7240'. PMP 1500 GALS 15% NEFE HCL ACID @ 3 BPM & 0 PSIG. FLUSH ACID W/50 BFW TO BTM OF OH @ 3 BPM & 0 PSIG. ISIP - VAC. 0 PSIG DURING TRTMT. POH W/PKR & TBG.
- 02/03/05:** RIH W/BPMA, PS, SN, 1 JT 2 7/8" IPC TBG, 8 JTS 2 7/8" TBG, TAC & 228 JTS 2 7/8" TBG (1 JT NEW YB). RIH W/1 1/2" X 12' GAC, 2.5" X 2.00 X 36" RHBC PMP, 4' X 7/8" STAB ROD, 12 - 1 1/2" K-BARS, 180 - 3/4" D-97 SUCKER RODS, 103 7/8" D-97 SUCKER RODS, 6' X 7/8" PONY ROD & 36' X 1 1/2" POLISH ROD. INSTALL DYNAMPUMP UNIT.
- 03/12/05: RWTP.** POH W/RODS & FOUND 7/8" BODY BREAK ON SHOULDER OF 2ND ROD FS. RIH W/FISHING TOOL & RODS. LATCHED ONTO FISH. POH W/RODS & FISH. REPL ROD & RIH W/RODS. LOAD TBG W/23 BW. TP 500 PSIG IN 2 STROKES - HELD OK. RWTP.
- 04/01/05:** RIH W/RENTED CENTRILIFT DH SENSOR, 85 HP, 2080 V, 27A FMH MTR, SEAL SECTION, RGS, 305 STG FC 450 SUB PMP, 55' #4KV MTR LEAD CABLE & 9184' #4

MOUNUMENT STATE 36 #1

WELLBORE DIAGRAM

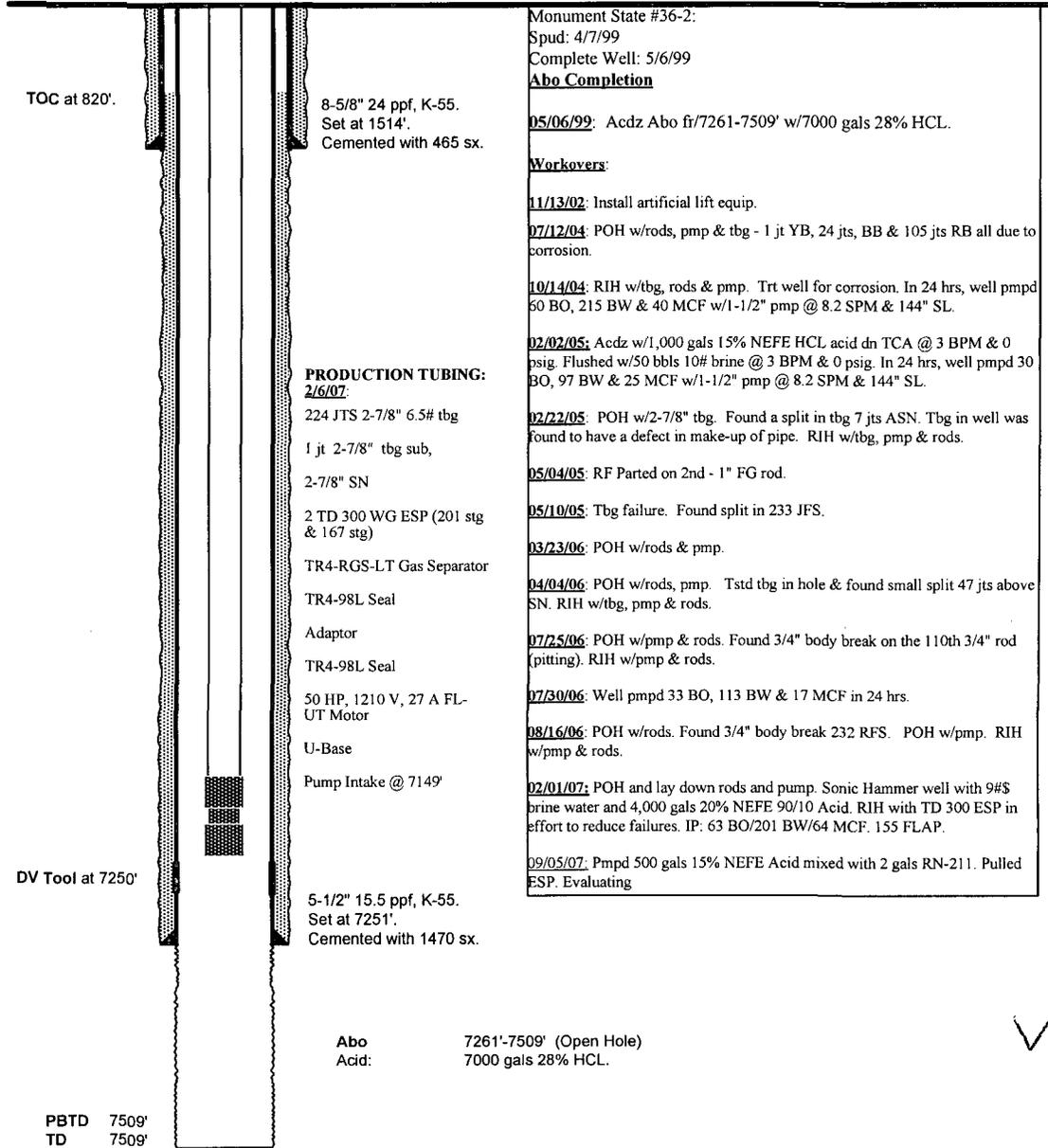
ROUND CABLE ON 229 JTS 2 7/8" TBG. SUB PMPD UP IN 15". LEFT VSD
RUNNING @ 60 HZ. RWTP. PUIS @ 7231'. FL WAS @ 3600'. IN 24 HRS. WELL
PMPD 7 B0; 274 BW & 4 MCF W/SUB PMP @ 54 HZ. 100% RUN TIME. FL 0 FAP.
06/17/05: RU PMP TRK & KILLED WELL W/60 BW. RU CENTRIFLIFT SPOOL & POH W/229
JTS 2 7/8" J-55 TBG. SUB PMP & ASSOCIATED WIRING.
06/18/05: TIH W/ 5 1/2" CIBP ON 2 7/8" J-55 TBG & SET CIBP @ 7200'. STUNG OUT OF
CIBP & CIRC 156 BBLs OF PKR FLUID INTO TBG, CSG ANNULUS. POH & LD 2
7/8" TBG.

XTO ENERGY



Well: Monument State # 36-2
Area: North Monument
Location: Section 36-18S-36E
County: Lea
Elevation: 3742' GL

WI: 100.000000%
NRI: 87.500000%
Spud: 4/07/99
State: New Mexico



PREPARED BY: Greg Hicks

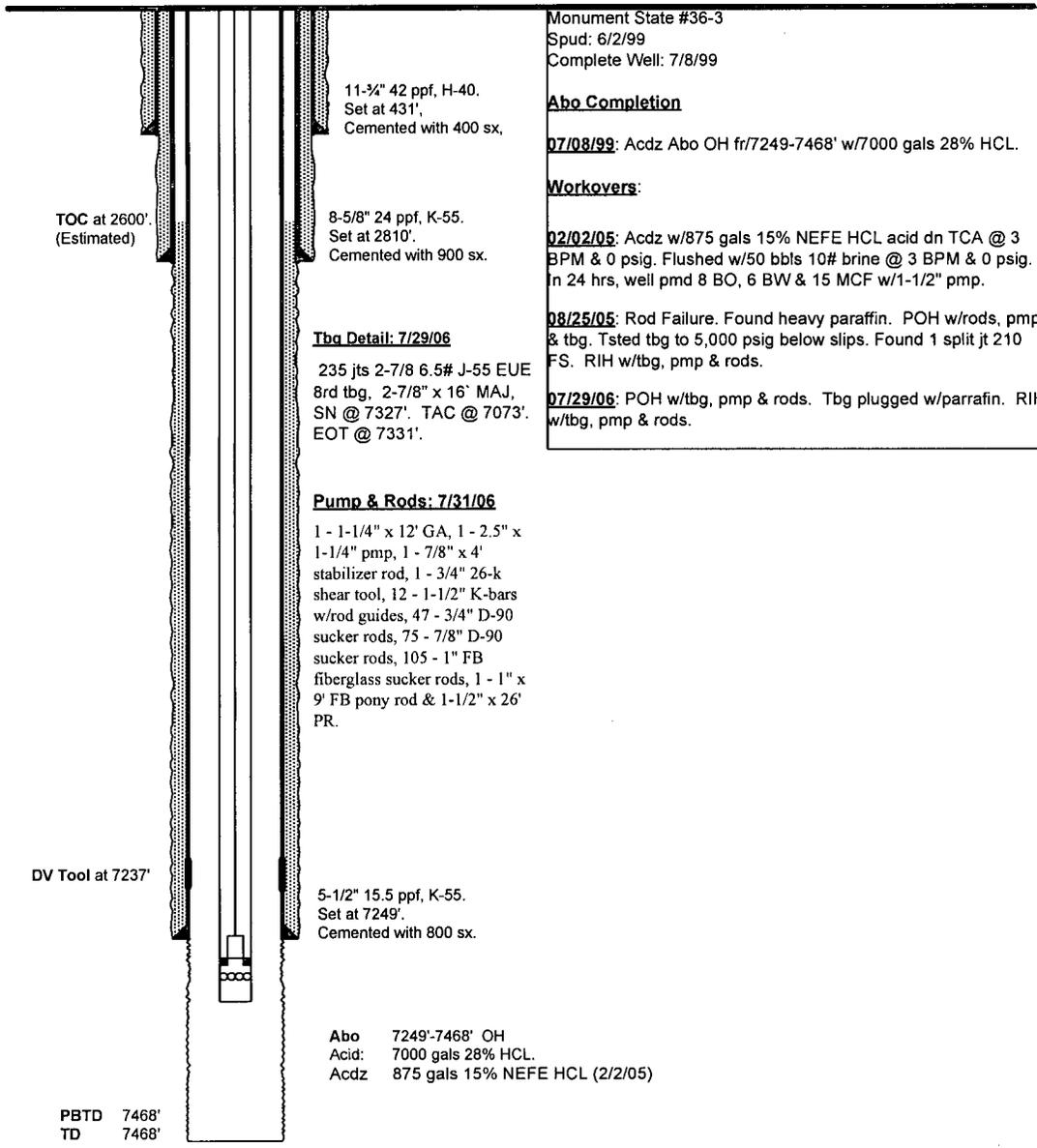
DATE: 9/7/07

XTO ENERGY



Well: Monument State # 36-3
Area: North Monument
Location: Section 36-18S-36E
County: Lea
Elevation: 3744' GL

WI: 100.000000%
NRI: 87.500000%
Spud: 6/02/99
State: New Mexico

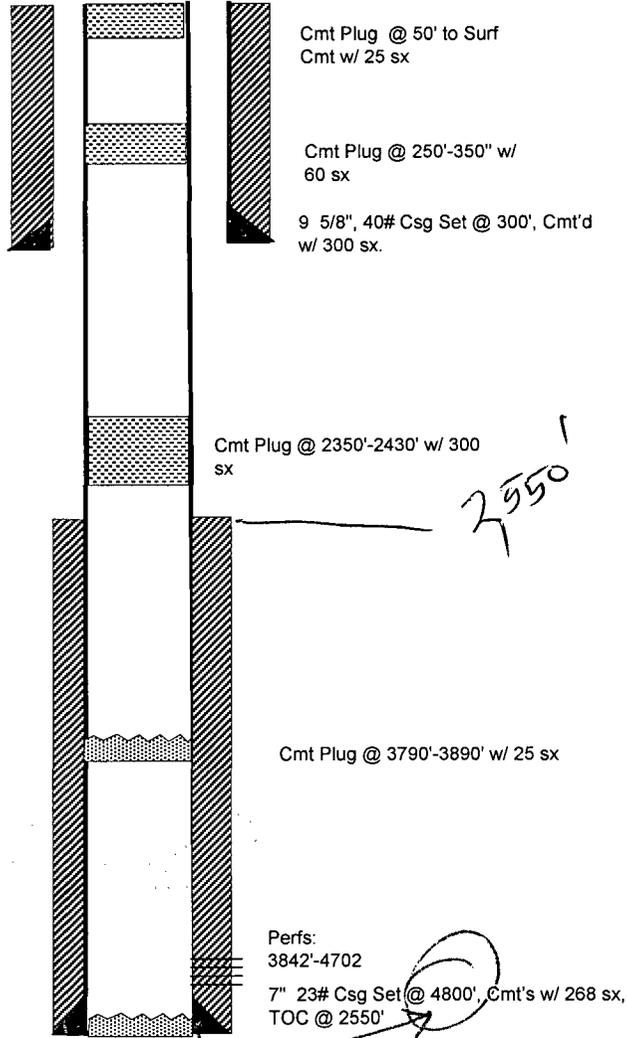


PREPARED BY: Greg Hicks

DATE: 8/8/06

Well Plugged
March 10, 1957

Continental Oil Corporation
State A-36 "A" #1
1980' FSL & 1960' FEL, UNIT J, S-36, T18-S,R-36-E
LEA CO.



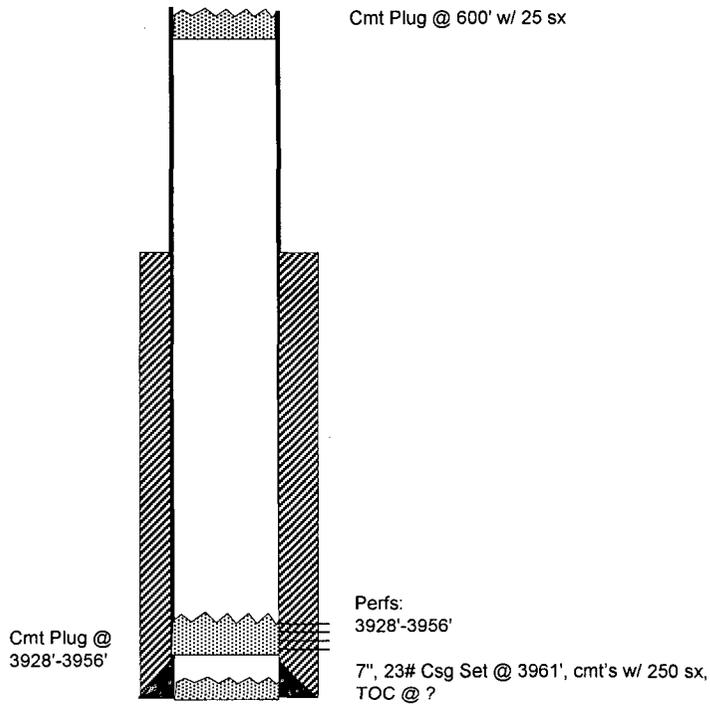
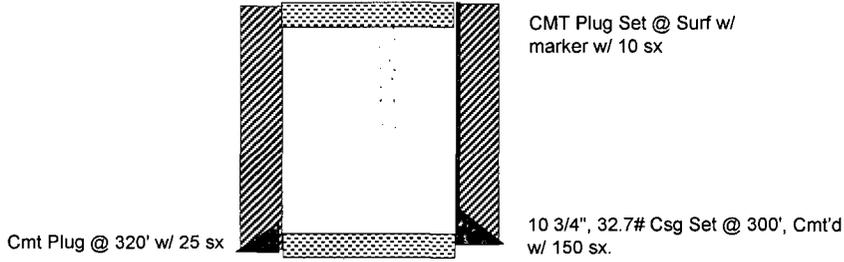
PR IDL 4028
5000'

S. Haller

Well Plugged
July 1970

Morris R Antweil

STATE 'O' #1
660' FSL & 1980' FWL, UNIT X, S-31, T18-S,R-37-E
LEA CO.



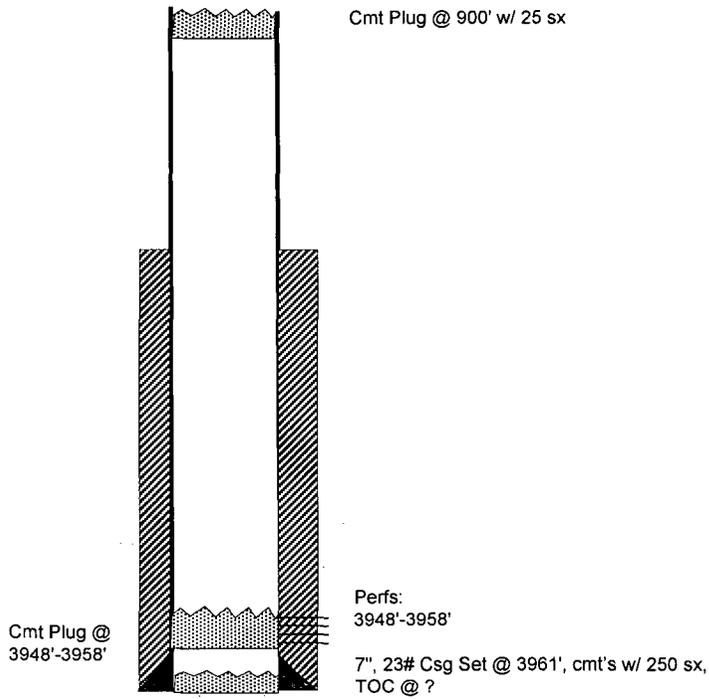
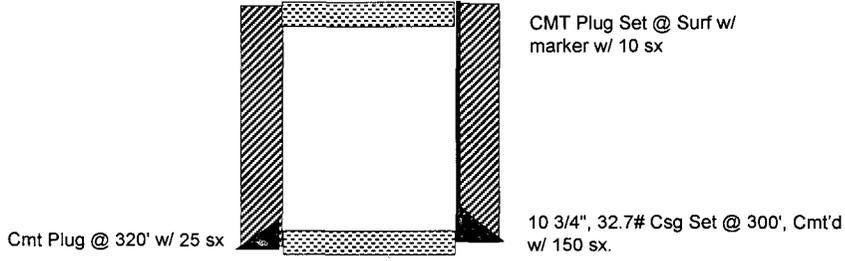
TD: 3961

Shallow

Well Plugged
July 1970

Morris R Antweil

STATE "O" #2
1650' FSL & 2290' FWL, UNIT K, S-31, T18-S,R-37-E
LEA CO.



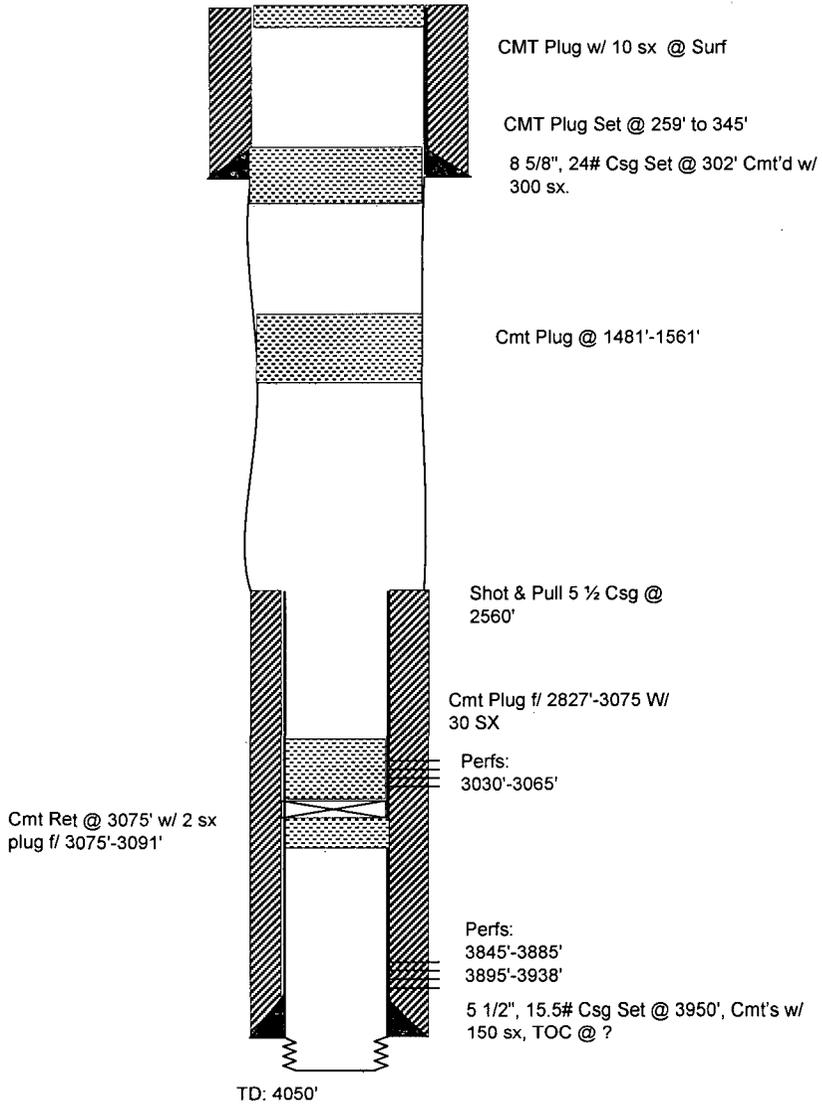
PBTD: 3967'
TD: 3976

Stall

Well Plugged
July 1957

Amerada Petroleum Corp.

STATE WM "E" #1
1980' FNL & 1980' FWL, UNIT F, S-31, T18-S,R-37-E
LEA CO.

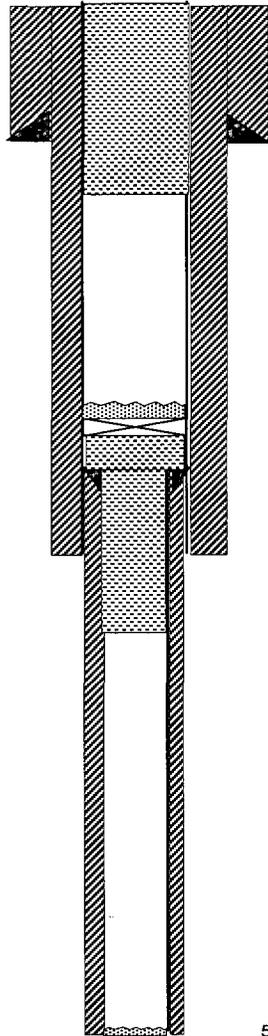


S. Haller

Well Plugged
Feb 1991

Amerada Petroleum Corp.

STATE WM "E" #2
660' FSL & 660' FWL, UNIT D, S-31, T18-S,R-37-E
LEA CO.



CMT Plug Set @ 353' to
Surf

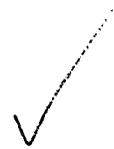
10 3/4", 29# Csg Set @ 332" Cmt'd w/
300 sx.

Cmt Ret @ 2828', pmp 375
sx cmt below and 25 sx on
top.

7 5/8", 26.4# Csg Set @ 2965" Cmt'd
w/ 1250 sx.

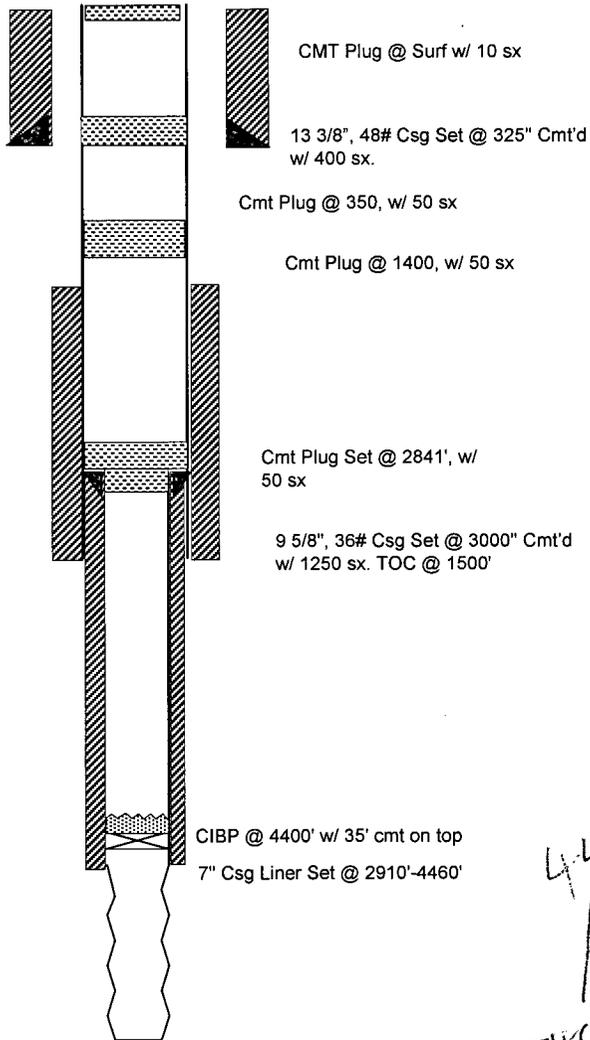
5 1/2", 115.5 & 17# Csg Liner Set @ 7459',
Cmt's w/ 350 sx,

TD: 7460



Well Plugged
Sept 2000

Amerada Petroleum Corp. *W N E*
STATE, WM 'E' #3
660' FEL & 1980' FWL, UNIT D, S-31, T18-S, R-37-E
LEA CO.



TD: 7460

4460 / open
7460

THIS IS
Far away
From Goodwin State
So OK



Water Analysis Report

9/25/2007

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal

Lease: MONUMENT STATE 36
Formation:
Salesman: Mike Baker

Produced Water

CC:

Target Name: MONUMENT 36 STATE 2

Sample Point: MONUMENT STATE 36 2

Sample Date: 09/10/2007

Test Date: 09/24/2007

Water Analysis(mg/L)

Calcium	2486
Magnesium	778
Barium	
Strontium	
Sodium(calc.)	28287
Bicarbonate Alkalinity	1086
Sulfate	3595
Chloride	47000
Resistivity	0.0769

Appended Data(mg/L)

CO2	140
H2S	667
Iron	149
Oxygen	

Physical Properties

Ionic Strength(calc.)	1.55
pH(calc.)	6.69
Temperature(°F)	90
Pressure(psia)	50
Density	8.81

Additional Data

Specific Gravity	1.06
Total Dissolved Solids(Mg/L)	83381
Total Hardness(CaCO3 Eq Mg/)	9404

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

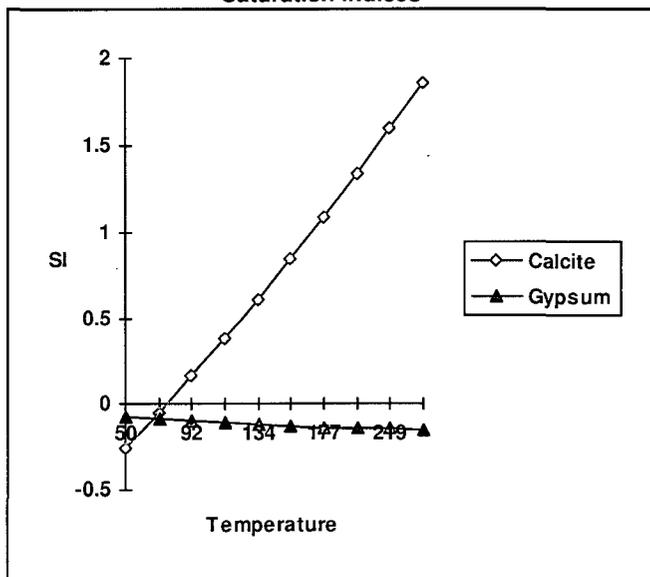
Calculation Method	Value
CO2 in Brine(mg/L)	140

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	0.14	82.80
Gypsum (Calcium Sulfate)	-0.10	
Hemihydrate (Calcium Sulfate)	-0.11	
Anhydrite (Calcium Sulfate)	-0.24	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.26	-0.05	0.16	0.38	0.61	0.85	1.09	1.34	1.60	1.86
Gypsum	-0.08	-0.09	-0.10	-0.11	-0.12	-0.13	-0.14	-0.14	-0.14	-0.15

Lab Tech.: *[Signature]*



Water Analysis Report

9/25/2007

Address:

Customer: XTO Energy, Inc.

Lease: MONUMENT STATE 36

Produced Water

Attention: David Paschal

Formation:

Salesman: Mike Baker

CC:

Target Name: Monument State 36 **03**

Sample Point: Monument State 36 **03**

Sample Date: 09/10/2007

Test Date: 09/24/2007

Water Analysis(mg/L)

Calcium	7298
Magnesium	6853
Barium	
Strontium	
Sodium(calc.)	48055
Bicarbonate Alkalinity	134
Sulfate	2604
Chloride	105000
Resistivity	0.0377

Appended Data(mg/L)

CO2	500
H2S	222
Iron	8
Oxygen	

Physical Properties

Ionic Strength(calc.)	3.51
pH(calc.)	5.73
Temperature(°F)	90
Pressure(psia)	50
Density	9.31

Additional Data

Specific Gravity	1.12
Total Dissolved Solids(Mg/L)	169952
Total Hardness(CaCO3 Eq Mg/)	46331

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

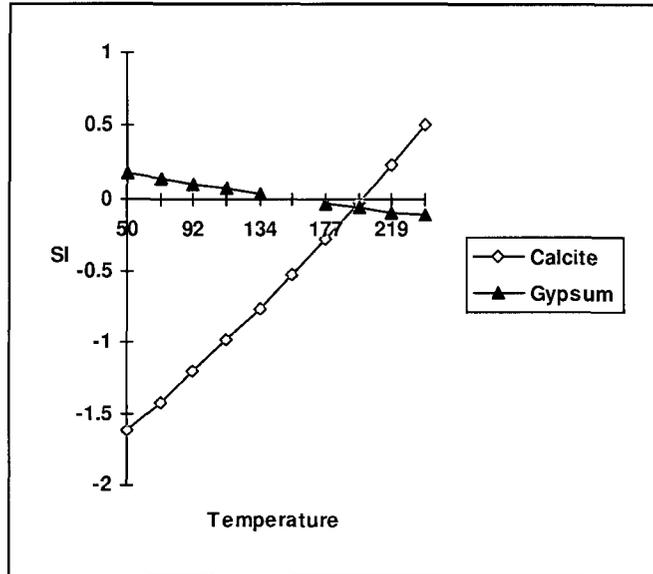
Calculation Method	Value
CO2 in Brine(mg/L)	500

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-1.23	
Gypsum (Calcium Sulfate)	0.11	278.90
Hemihydrate (Calcium Sulfate)	0.07	162.80
Anhydrite (Calcium Sulfate)	0.18	339.40
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Remarks:

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-1.62	-1.42	-1.20	-0.98	-0.76	-0.52	-0.28	-0.03	0.23	0.50
Gypsum	0.18	0.14	0.10	0.07	0.03	0.00	-0.03	-0.06	-0.09	-0.11

Lab Tech.: *[Signature]*

G



Water Analysis Report

9/25/2007

Address:

Customer: XTO Energy, Inc.

Lease: MONUMENT STATE 36

Attention: David Paschal

Formation:

Salesman: Mike Baker

CC:

Target Name: Monument State 36 Windmill

Sample Point: Monument State 36 Windmill

Fresh water

Sample Date: 09/19/2007

Test Date: 09/24/2007

Water Analysis(mg/L)

Calcium	112
Magnesium	24
Barium	
Strontium	
Sodium(calc.)	
Bicarbonate Alkalinity	
Sulfate	47
Chloride	164
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.01
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/)	378

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

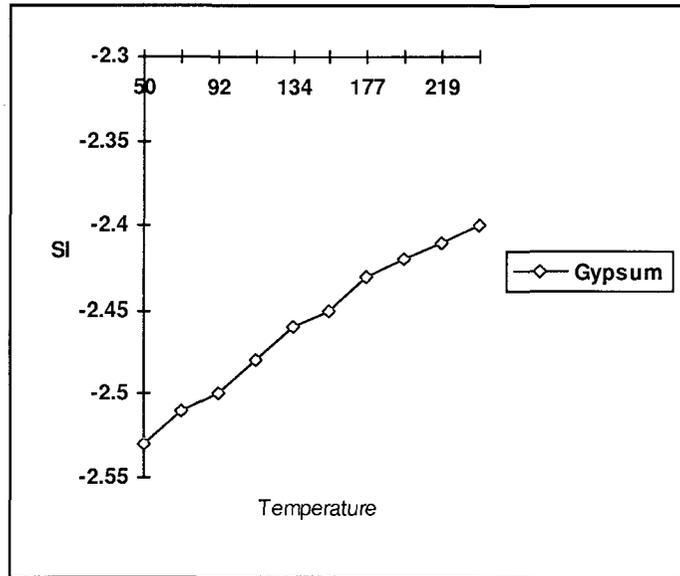
Calculation Method	Value
Mole Percent CO2	

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-2.50	
Hemihydrate (Calcium Sulfate)	-2.22	
Anhydrite (Calcium Sulfate)	-2.74	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Remarks:

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Gypsum	-2.53	-2.51	-2.50	-2.48	-2.46	-2.45	-2.43	-2.42	-2.41	-2.40

Lab Tech.: *[Signature]*

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, January 08, 2008 9:05 PM
To: 'Kristy_Ward@xtoenergy.com'
Cc: Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD; Kautz, Paul, EMNRD; Sanchez, Daniel J., EMNRD
Subject: SWD Application from XTO: Goodwin 10 State SWD #1 30-025-34760

Hello Ms. Ward:

After reviewing this application, we have the following questions:

- 1) Please send one page with all formation tops picked from the Rustler through the Wolfcamp. Ask your geologist to talk a little about the Drinkard Reef as I am not familiar with it - talk about the suitability for injection into this reef and if other wells are injecting into it.
- 2) You advertised for injection from 4600 to 7766, but your writeup and diagram says that the actual perms would be 4700 to 7050. I suspect this was intentional?
- 3) Your well appears to be slanted. Please let me know what BH location is for the top of the intended injection perforation.
- 4) Let me know if the Goodwin State #1 is still within 2640 feet. The Goodwin State #1 appears to have an open annulus from 5350 to the Rustler - so the Salt and all formations down to 5350 (approx top of Bone Spring?) are exposed. If this well is within the AOR, we can write the permit conditional upon XTO raising the cement top in the AOR well. Apparently this well was approved for injection into the San Andres but never used for this - it would have required some casing well work first. Alternately, we can approve the permit if XTO stays below 5400 feet with injection - in the Bone Spring or below. Let me know what you prefer.
- 5) As this has changed recently: Please have your Landman read Division Rule 701B.(2) and ensure that all Notice is properly done. Send Proof of date of notice to the New Mexico State Land Office as they are the surface owner, and also to BP (if they are the Lessees in the NE NE of Section 1 T19S 36E) You do not have to notice past operators of P&Aed wells unless they are still the lessee in the vicinity of the plugged well.
- 6) Read the Division Rule 40 and check on XTO's number of inactive wells - let me know if there is any limitation on issuing an injection permit to XTO per Rule 40.

Thank You,

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

1/8/2008

Jones, William V., EMNRD

From: Kristy_Ward@xtoenergy.com
Sent: Monday, January 14, 2008 10:18 AM
To: Jones, William V., EMNRD
Subject: Fw: SWD Application from XTO: Goodwin 10 State SWD #1 30-025-34760

Attachments: Goodwin State 10 #1_Initial Compl_Zone Tops.pdf; Deviation Plot.xls



Goodwin State 10 #1_Initial Co... (26 KB)
Deviation Plot.xls

Mr. Jones, below I have shown in the bold print the responses to your questions. I also will mail the original to your office. Please let me know if you have additional questions.

Thanks,

Kristy S. Ward
XTO Energy, Inc.
Ph: 432-620-6740
Fax: 432-684-9681
kristy_ward@xtoenergy.com

1/16/08
- WAITING ON FINAL PART OF NOTICES

----- Forwarded by Kristy Ward/MID/CTOC on 01/09/2008 02:33 PM -----

"Jones, William
V., EMNRD"
<William.V.Jones
@state.nm.us>

<Kristy_Ward@xtoenergy.com>

To
cc

01/08/2008 10:04
PM

"Ezeanyim, Richard, EMNRD"
<richard.ezeanyim@state.nm.us>,
"Brooks, David K., EMNRD"
<david.brooks@state.nm.us>, "Kautz,
Paul, EMNRD"
<paul.kautz@state.nm.us>, "Sanchez,
Daniel J., EMNRD"
<daniel.sanchez@state.nm.us>

Subject
SWD Application from XTO: Goodwin 10
State SWD #1 30-025-34760

Hello Ms. Ward:

After reviewing this application, we have the following questions:

1) Please send one page with all formation tops picked from the Rustler through the Wolfcamp. Ask your geologist to talk a little about the Drinkard Reef as I am not familiar with it - talk about the suitability for injection into this reef and if other wells are injecting into it.

TOPS ATTACHED.

RESPONSE: Drinkard - 7000 feet for the top. This interval is the equivalent to the lower Clear Fork on the Texas side of the Central Basin Platform. The Drinkard is a member of the Yeso Formation and is considered a restricted platform carbonate. The best porosity and permeability of the rock is found in the grain dominated limestone facies.

(See attached file: Goodwin State 10 #1_Initial Compl_Zone Tops.pdf)

2) You advertised for injection from 4600 to 7766, but your writeup and diagram says that the actual perms would be 4700 to 7050. I suspect this was intentional?

YES.

3) Your well appears to be slanted. Please let me know what BH location is for the top of the intended injection perforation.

RESPONSE: This well is 2620' from the Goodwin State #1 according to the deviation interpretation below by our Drilling group. We request an exception in considering the Goodwin State #1 as we are 20' from the regulated 2640' in considering the Goodwin State #1 in our permit.

Providing the exception will eliminate question #4 in considering the interval of injection as it relates to their cement top.

(See attached file: Deviation Plot.xls)

4) Let me know if the Goodwin State #1 is still within 2640 feet. The Goodwin State #1 appears to have an open annulus from 5350 to the Rustler - so the Salt and all formations down to 5350 (approx top of Bone Spring?) are exposed. If this well is within the AOR, we can write the permit conditional upon XTO raising the cement top in the AOR well. Apparently this well was approved for injection into the San Andres but never used for this - it would have required some casing well work first. Alternately, we can approve the permit if XTO stays below 5400 feet with injection - in the Bone Spring or below. Let me know what you prefer.

See Question #3 above.

5) As this has changed recently: Please have your Landman read Division Rule 701B.(2) and ensure that all Notice is properly done. Send Proof of date of notice to the New Mexico State Land Office as they are the surface owner, and also to BP (if they are the Lessees in the NE NE of Section 1 T19S 36E) You do not have to notice past operators of P&Aed wells unless they are still the lessee in the vicinity of the plugged well.

ATTACHED IN THE MAIL.

6) Read the Division Rule 40 and check on XTO's number of inactive wells - let me know if there is any limitation on issuing an injection permit to XTO per Rule 40.

OUR INACTIVE WELL LIST IS CURRENT AND WITHIN THE DIVISION RULE 40.

Thank You,

William V. Jones PE

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, January 24, 2008 3:15 PM
To: 'Kristy_Ward@xtoenergy.com'
Subject: RE: SWD Application from XTO: Goodwin 10 State SWD #1 30-025-34760

Kristy:

I got that by email and hard copy, but it showed "notice" to the surface tenant and to BP, but did not include notice to the State Land Office.

Will

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

Noted 1/29/08

Release 2/11/08

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

From: Kristy_Ward@xtoenergy.com [mailto:Kristy_Ward@xtoenergy.com]
Sent: Thursday, January 24, 2008 2:52 PM
To: Jones, William V., EMNRD
Subject: RE: SWD Application from XTO: Goodwin 10 State SWD #1 30-025-34760

Mr. Jones, I mailed you an original package of what I emailed you (showing proof of notifications) on January 14. Please let me know if you have not received this yet. I will resend it to you, maybe it is lost in the mail.

Thanks,

Kristy S. Ward
XTO Energy, Inc.
Ph: 432-620-6740
Fax: 432-684-9681
kristy_ward@xtoenergy.com

"Jones, William
V., EMNRD"
<William.V.Jones@
state.nm.us>

01/24/2008 02:31
PM

<Kristy_Ward@xtoenergy.com>

"Ezeanyim, Richard, EMNRD"
<richard.ezeanyim@state.nm.us>

Subject
RE: SWD Application from XTO:
Goodwin 10 State SWD #1
30-025-34760

To

cc

Hello Kristy:

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, January 24, 2008 1:31 PM
To: 'Kristy_Ward@xtoenergy.com'
Cc: Ezeanyim, Richard, EMNRD
Subject: RE: SWD Application from XTO: Goodwin 10 State SWD #1 30-025-34760

Hello Kristy:
Thanks for the info:

I have a note that I am still waiting on Proof of Notice to the New Mexico State Land Office (as the surface owner)

Will

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

From: Kristy_Ward@xtoenergy.com [mailto:Kristy_Ward@xtoenergy.com]
Sent: Monday, January 14, 2008 10:18 AM
To: Jones, William V., EMNRD
Subject: Fw: SWD Application from XTO: Goodwin 10 State SWD #1 30-025-34760

Mr. Jones, below I have shown in the bold print the responses to your questions. I also will mail the original to your office. Please let me know if you have additional questions.

Thanks,

Kristy S. Ward
XTO Energy, Inc.
Ph: 432-620-6740
Fax: 432-684-9681
kristy_ward@xtoenergy.com

----- Forwarded by Kristy Ward/MID/CTOC on 01/09/2008 02:33 PM -----

"Jones, William
V., EMNRD"
<William.V.Jones
@state.nm.us>

01/08/2008 10:04
PM

<Kristy_Ward@xtoenergy.com>

"Ezeanyim, Richard, EMNRD"
<richard.ezeanyim@state.nm.us>,
"Brooks, David K., EMNRD"
<david.brooks@state.nm.us>, "Kautz,
Paul, EMNRD"
<paul.kautz@state.nm.us>, "Sanchez,
Daniel J., EMNRD"
<daniel.sanchez@state.nm.us>

To
CC

Subject
SWD Application from XTO: Goodwin 10



January 25, 2008

New Mexico State Land Office
Oil, Gas, and Minerals Division
310 Old Santa Fe Trail
Santa Fe, NM 87504-1148

Re: Surface Owner Notice
Application to Convert Well to SWD
Goodwin 10 State #1 SWD
API # 30-025-34760

To Whom It May Concern:

This letter is to notify you that XTO Energy Inc. has submitted to the Oil Conservation Division an application to convert a well to injection. Our records indicate that you are a surface owner. Attached is 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 432-620-6740.

Sincerely,

Kristy Ward
Regulatory

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee X	
1. Article Addressed to: <i>New Mexico State Land Office</i> <i>310 Old Santa Fe Trail</i> <i>Santa Fe, NM 87504-1148</i>		B. Received by (Printed Name)	C. Date of Delivery
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:	
		3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No	
2. Article Number (Transfer from service label)		7007 0220 0002 5083 9508	
PS Form 3811, August 2001		Domestic Return Receipt	

RECEIVED
2008 JAN 29 PM 1 45



January 25, 2008

New Mexico State Land Office
Commercial Division
310 Old Santa Fe Trail
Santa Fe, NM 87504-1148

Re: Surface Owner Notice
Application to Convert Well to SWD
Goodwin 10 State #1 SWD
API # 30-025-34760

To Whom It May Concern:

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

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If you have any questions please call me at 432-620-6740.

Sincerely,

Kristy Ward

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only. No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

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

Sent to New Mexico State Land Office
Street, Apt. No.,
or PO Box No. 310 Old Santa Fe Trail
City, State, ZIP+4
Santa Fe, NM 87504-1148



January 15, 2008

BP America, Inc.
501 Westlake Park Blvd.
Houston, TX 77079

Re: Lessees Notification Ltr.
NE NE of Section 1, T-19S, R-36E
Goodwin 10 State #1 SWD

To Whom It May Concern:

This letter is to notify you that XTO Energy Inc. has submitted to the Oil Conservation Division, an application to convert a well to SWD. Our records indicate that you are an offset operator. Attached is 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 432-620-6740.

Sincerely,

Kristy Ward
Regulatory

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

7007 0220 0002 5083 9720
7007 0220 0002 5083 9720

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

Sent To: BP America, Inc.
 Street, Apt. No. or PO Box No.: 501 Westlake Park Blvd.
 City, State, ZIP+4: Houston, TX 77079

PS Form 3800, August 2006 See Reverse for Instructions



January 15, 2008

State of New Mexico
Grazing Permit is GT-3046
Bruce & Arlene Carlin Estate
c/o Timothy J. Carlin
P.O. Box 188
Monument, NM 88265

Re: Surface Owner Notice
Application to Convert Well to SWD
Goodwin 10 State #1 SWD

To Whom It May Concern:

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

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If you have any questions please call me at 432-620-6740.

Sincerely,

Kristy Ward
Regulatory

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

Postmark
Here

Sent To *State of New Mexico - Bruce & Arlene Carlin*

Street, Apt. No.,
or PO Box No. *P.O. Box 188*

City, State, ZIP+4
Monument, NM 88265

PS Form 3800, August 2006 See Reverse for Instructions



November 15, 2007

HRC, Inc.
P.O. Box 5102
Hobbs, NM 88241

Re: Offset Operator Notification

To Whom It May Concern:

This letter is to notify you that 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 is 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 432-620-6740.

Sincerely,

A handwritten signature in cursive script that reads 'Kristy Ward'.

Kristy Ward
Regulatory

Advertising Receipt

REC'D / MIDLAND
OCT 26 2007

Hobbs Daily News-Sun

201 N Thorp
P O Box 850
Hobbs, NM 88241-0850
Phone: (505) 393-2123
Fax: (505) 397-0610

ATTN: KRISTY WARD
XTO ENERGY INC.
200 LORAIN, SUITE 800
MIDLAND, TX 79701

Cust#: 01102696-000
Ad#: 67546857
Phone: (432)682-8873
Date: 10/19/07

Ad taker: C2 **Salesperson:** 05 **Classification:** 672

Description	Start	Stop	Ins.	Cost/Day	Surcharges	Total
07 07 Daily News-Sun	10/23/07	10/23/07	1	23.52		23.52
Bold						1.00
Affidavit for legals						3.00

Payment Reference:

LEGAL NOTICE
October 23, 2007

Notice of Application for Fluid Injection Well Permit
Goodwin 10 State SWD #1

Total: □ 27.52
Tax: 1.84
Net: 29.36
Prepaid: 0.00

Total Due 29.36

XTO Energy, Inc., 200 N. Loraine, Ste. 800, Midland, Texas 79701, Attention - Kristy Ward - 432-620-6740, has applied for a permit to dispose fluid into a formation which is productive of oil and gas. The applicant proposes to dispose fluid at the location of Unit Ltr. L, Section 31, Township - 18S, Range - 37E, footage location of this well is 2160' FSL & 330' FWL. The API # is 30-025-34760. Fluid will be disposed into the Drinkard formation at a depth interval from 4700' - 7350', with a maximum injection rate of 3000 BWIPD and a maximum injection pressure of 2000 psi.

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

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

PUBLISHER

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

of 1 weeks.

Beginning with the issue dated October 23 2007

and ending with the issue dated October 23 2007

Kathi Bearden

PUBLISHER

Sworn and subscribed to before

me this 23rd day of

October 2007

Dora Montz
Notary Public

My Commission expires
February 07, 2009
(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

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

LEGAL NOTICE
October 23, 2007

Notice of Application for Fluid Injection Well Permit
Goodwin 10 State SWD #1

XTO Energy, Inc., 200 N. Loraine, Ste. 800, Midland, Texas 79701, Attention - Kristy Ward - 432-620-6740, has applied for a permit to dispose fluid into a formation which is productive of oil and gas. The applicant proposes to dispose fluid at the location of Unit Ltr. L, Section 31, Township - 18S, Range - 37E, footage location of this well is 2160' FSL & 330' FWL. The API # is 30-025-34760. Fluid will be disposed into the Drinkard formation at a depth interval from 4700' - 7350', with a maximum injection rate of 3000 BWIPD and a maximum injection pressure of 2000 psi.

All interested parties must file objection or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.
#23604

01102696000 67546857
XTO ENERGY INC.
200 LORAIN, SUITE 800
MIDLAND, TX 79701

Injection Permit Checklist 2/8/07

SWD Order Number 1114 Dates: Division Approved _____ District Approved _____

Well Name/Num: Goodwin 10 State #1 Date Spudded: 11/23/99

API Num: (30-) 025-34760 County: Lea

Footages 2160 FSL/330 FWL Sec 31 Tsp 185 Rge 37E

Operator Name: XTO Energy, INC Contact Kristy Ward

Operator Address: 200 N. LORRAINE, SUITE 800 MIDLAND TX, 79701

Current Status of Well: P&A Planned Work: _____ Inj. Tubing Size: 2 3/8" @ 4650

5380 C6K1D

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	12 1/2 9 5/8		605	CIRC
Intermediate				
Production	8 3/4 5 1/2		2010	CIRC (both stages)
Last DV Tool		4808'		
Open Hole/Liner				
Plug Back Depth		7792		

Diagrams Included (Y/N): Before Conversion After Conversion
 Checks (Y/N): Well File Reviewed ELogs in Imaging

Intervals:	Depths	Formation	Producing (Yes/No)
Salt/Potash			
Capitan Reef			
Cliff House, Etc:			
Formation Above	4008	GBG SA	
Top Inj Interval	4600	SA	
Bottom Inj Interval	7766 OK	ABO	
Formation Below	8387	WC	

4700' = Del
 5347 = BS
 6693 = Tubing
 7000 = Drilled Reef

ACTUAL
 14700
 7000

9/10 PSI Max. WHIP
 NO Open Hole (Y/N)
 Deviated Hole (Y/N)

Fresh Water: Depths: 0-200 Wells(Y/N) _____ Analysis Included (Y/N): Yes Affirmative Statement

Salt Water Analysis: Injection Zone (Y/N/NA) _____ DispWaters (Y/N/NA) _____ Types: Mang

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

Other Affected Parties: Bra Carb ST, HRC

AOR/Repairs: NumActiveWells 4 Repairs? Maybe Producing in Injection Interval in AOR Yes

AOR Num of P&A Wells 2 Repairs? NO Diagrams Included? Yes RBDMS Updated (Y/N) _____

Well Table Adequate (Y/N) Yes AOR STRs: Sec _____ Tsp _____ Rge _____ UIC Form Completed (Y/N) _____

New AOR Table Filename _____ Sec _____ Tsp _____ Rge _____ This Form completed _____

Conditions of Approval: Sec _____ Tsp _____ Rge _____ Data Request Sent _____

Self, SWAB each new zone
 Send NOTICE TO SLO. ? order 701B(2)
 Stay below 5400'

(B.P. Litiga)
 XERR

AOR Required Work: check BH on Goodwin State #1

Set CIBP within 200' of Bottom

Required Work to this Well: Deviated - where to?

check of in AOR