

Submit to Appropriate District Office Five Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		RECEIVED State of New Mexico Minerals and Natural Resources FEB 06 7 00 AM OIL CONSERVATION DIVISION HOBBSD 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 July 17, 2008				
		1. WELL API NO.		30-025-30512						
		2. Type Of Lease		<input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN						
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing:				5. Lease Name or Unit Agreement Name						
<input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19 15 17.13 K NMAC)				Eunice Monument South Unit						
9. Type of Completion				6 Well Number						
<input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input checked="" type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				643						
8. Name of Operator				9 OGRID Number						
XTO Energy Inc.				005380						
10. Address of Operator				11. Pool name or Wildcat						
200 N Loraine, Ste. 800 Midland, TX 79701				Eunice Monument; Grayburg-San Andres						
12. Location	Unit Letter	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface.	X	6	21S	36E		1275'	South	1275'	East	Lea
BH:										
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF & RKB, RT, GR, etc.)				
2-9-89	03-25-08	3-25-08		04-08-08		3577' GL, 3590' KB				
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made		21. Type Electric and Other Logs Run				
5236' MD & 3936' TVD		3955'								
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
Same as Original										
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2-3/8"	3655'	3655'	
26. Perforation record (interval, size, and number)							27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
3848' - 3936'							DEPTH INTERVAL 3848'-3936' AMOUNT AND KIND MATERIAL USED Sqzd 5-1/2" csq leak fr 41'-46' w/50 sks class "C" & 2% CaCl @ 1.5 BPM. Circ 2 sks to pit.			
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)			
NA							Inject			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
NA										
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.)							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
			Latitude		Longitude		NAD. 1927 1983			
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 <i>Kristy Ward</i>			Printed Name		Kristy Ward		Title		Regulatory Analyst	
E-mail address			kristy.ward@xtoenergy.com				Date		1/07/09	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy <u>1165</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"		
T. Salt <u>1320</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"		
B. Salt <u>2600</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"		
T. Yates <u>2960</u>	T. Miss	T. Cliff House	T. Leadville		
T. 7 Rivers <u>3100</u>	T. Devonian	T. Menefee	T. Madison		
T. Queen <u>3418</u>	T. Silurian	T. Point Lookout	T. Elbert		
T. Grayburg <u>3742</u>	T. Montoya	T. Mancos	T. McCracken		
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte		
T. Glorieta	T. McKee	Base Greenhorn	T. Granite		
T. Paddock	T. Ellenburger	T. Dakota	T.		
T. Blinberry	T. Gr. Wash	T. Morrison	T.		
T. Tubb	T. Delaware Sand	T. Todilto	T.		
T. Drinkard	T. Bone Springs	T. Entrada	T.		
T. Abo	T.	T. Wingate	T.		
T. Wolfcamp	T.	T. Chinle	T.		
T. Perm	T.	T. Permian	T.		
T. Cisco (Bough C)	T.	T. Penn "A"	T.		

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1165	1320	155	Rustler (Anhy)				
1320	2600	1280	Salt				
2960	3100	140	Sand & Anhy.				
3100	3418	318	Sand, Dolomite & Anhy.				
3418	3742	324	Sand & Dolo				
3742	4053	311	Dolomite w/ SAND STRINGS				

JUL 11 1939

UPDATED WELLBORE DIAGRAM

FIELD: EMSU

WELL NAME: EMSU 643

FORMATION: Grayburg

LOC: 1275' FSL & 1275' FEL
TOWNSHIP: 21S
RANGE: 36E Unit B

SEC: 6
COUNTY: Lea
STATE: NM

GL: 3577' (DF)
KB: 3590'
DF:

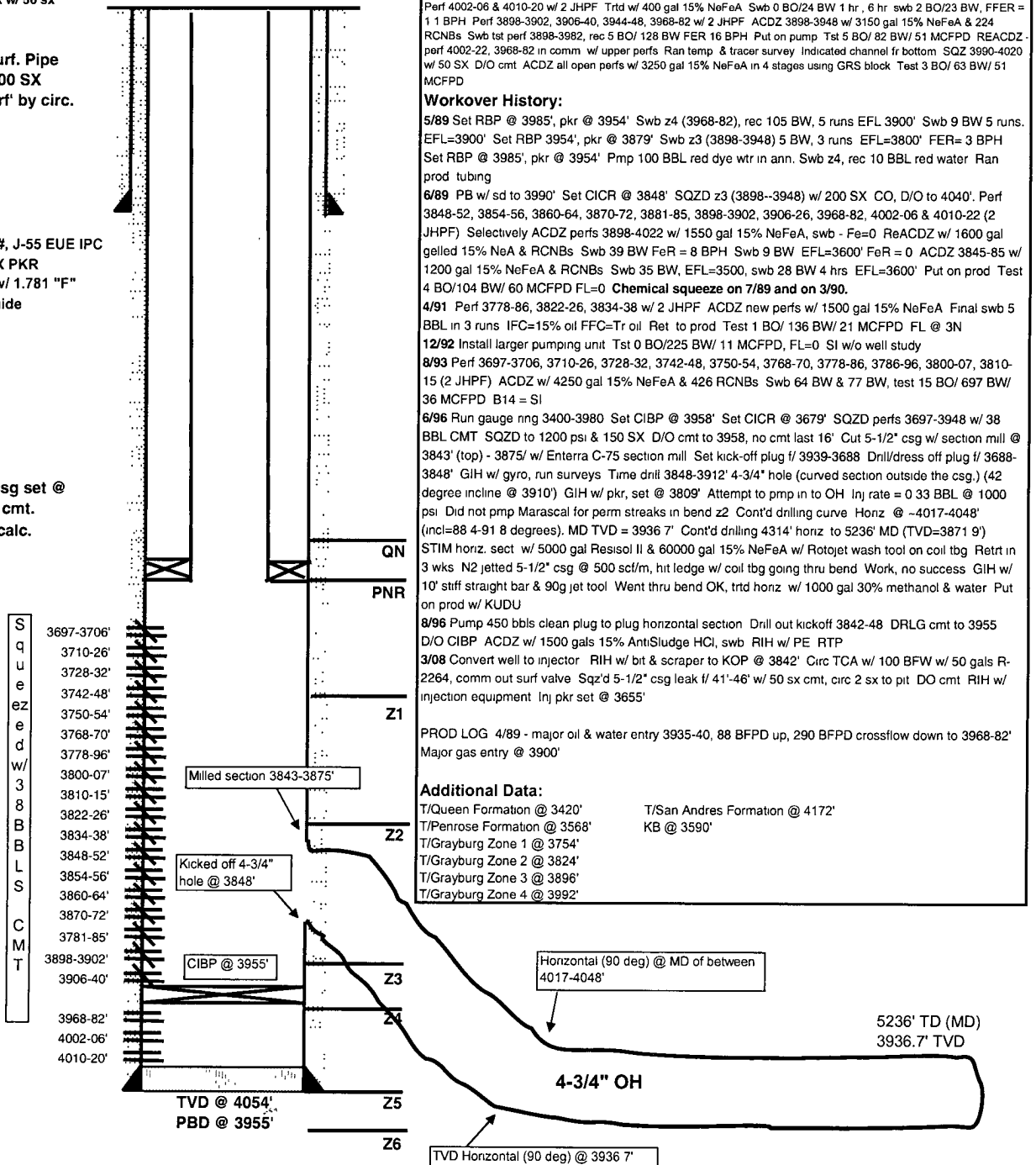
CURRENT STATUS: Shut-In Producer
API NO: 30-025-30512
CHEVNO: IQ5854:01


Sqz'd 5-1/2" csg leak w/ 50 sx
f/ 41'-46'.

8-5/8", 24#/ft, Surf. Pipe
set @ 1224' w/ 800 SX
CMT. TOC @ Surf' by circ.
Cmt. Circ.? Yes

112 JTS 2-3/8" 4.7#, J-55 EUE IPC
tbg (TK-70), AS1-X PKR
w/ T-2 on/off tool w/ 1.781 "F"
PN w/ WL entry guide
Landed @ 3655'.

5-1/2", 15.5#/ft, csg set @
4050' w/ 800 sxs cmt.
TOC @ Surf. by calc.
Cmt. Circ.? Yes





New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

REC'D/MIDLAND
AUG 22 2008

Mark Fesmire
Division Director
Oil Conservation Division



Administrative Order WFX-839
August 18, 2008

APPLICATION OF XTO ENERGY, INC. TO CONVERT THE EMSU WELL NO. 643 TO INJECTION WITHIN ITS EUNICE MONUMENT SOUTH UNIT WATERFLOOD PROJECT IN THE UNICE MONUMENT GRAYBURG-SAN ANDRES POOL IN LEA COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Order R-7766, XTO Energy, Inc. (OGRID No. 5380) has made application to the Division for permission to add an additional injection well to its Eunice Monument South Unit Waterflood Project located within the Eunice Monument Grayburg-San Andres Pool (Pool No. 23000) in Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

The application was filed in due form. No objections have been filed within the 20 day waiting period prescribed by Division Rule 701(C). The proposed injection well is eligible for conversion to injection under the terms of Rule 701. The operator is in compliance with Rule 40.

There are no know faults cutting through the Grayburg and San Andres which would act as a conduit for gas, oil or injection water to seep into the fresh water horizons above the injection zones in the Grayburg and San Andres. There are no known fresh water horizons below the Rustler anhydrite.

The proposed expansion of the above-referenced waterflood project will not cause waste nor impair correlative rights and should be approved.

IT IS THEREFORE ORDERED THAT:

XTO Energy, Inc. is hereby authorized to inject water from the into the unitized interval of the Eunice Monument South Unit ("EMSU") Waterflood Project, through plastic-lined 2-3/8 inch tubing set in a packer located within 100 feet of the top of the injection interval in the following-described well for purposes of secondary recovery:



<u>Well Number</u> <u>API Number</u>	<u>Well Location</u>	<u>Injection</u> <u>Interval</u>	<u>Packer</u> <u>Depth</u>
EMSU No. 643 30-025-30512	1275' FWL & FEL B, S6-T21S-R36E	3848'-3936'	3748'

Maximum Surface Injection Pressure: 1200 PSIG

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with pressure limiting devices which will limit the wellhead pressure to the maximum surface injection pressure described above.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the permitted injection interval. Such proper showing shall consist of valid step-rate tests run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs District Office of the Division of the date and time of the installation of injection equipment and of all mechanical integrity tests so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs District Office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject well shall be governed by all provisions of Division Order No. R-7766, as amended, and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1)

to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator received prior to the one year deadline, may grant an extension thereof for good cause shown.



MARK E. FESMIRE, P.E.
Director

MEF/tw

cc: Oil Conservation Division – Hobbs