UNITED STATES DEPARTMENT OF THE INTERIOR



Form 3160-5 (August 2007)

OCT 072008

OCD-ARTESIA

FORM APPROVED OMB No. 1004-0137

	Expires: July 31.	010	
i, I case Serial No. NM27279		1 1001 00 1000	

BUREAU OF LAND MANAGEMENT					5, Lease Serial No. NM27279			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE — Other instructions on page 2.					7 If Unit of CA/Agreement, Name and/or No.			
1 Type of Well Oil Well Gas Well Other					8 Well Name and No. Ellioft #1			
2. Name of Operator Tandem Energy Corporation					9 API Well No 30-015-21655			
3a Address	[36] Pi	hone No.	include area cod	a)	10. Field and Pool or I	xploratory Ar		
P.O. Box 1559, Midland, TX 79702 432-686-7					North Benson-Queen Grayburg			
4. Location of Well (Finitage, Sec., T.R., M., or Survey Description) 2310 FNL 8 990 FWL, Sec 28, T188, R30E, Unit Letter #					11. Country or Parish, State Eddy, NM			
12. CHEC	K THE APPROPRIATE BOX(ES)	TO INDI	CATE NATURE	OF NOTIC	E, REPORT OR OTH	ER DATA		
TYPE OF SUBMISSION			TYP	F OF ACT	ION		The state of the s	
Notice of Intent	☐ Acidize ☐ Alter Casing	Deepe	n re Trent		uction (Start/Resume)		Shut-Off negrity	
Subsequent Report	Casing Repair	New C	Construction	Reco	mplete	Other		
The state of the s			nd Ahanden		torarity Abandon			
Final Abandonment Notice 13. Describe Proposed or Completed O	Convert to Injection	Plug E			r Disposal			
determined that the site is ready for Per discussion with Jim Amos pleas	ACCEPTED	FOR 1	record	atics		OCT JAMES A SUPERVIS	OR-EPS	
14. I hereby certify that the foregoing is a	Gerry Guye, De NMOCD-Dist	rict II	ARTESIA		SEE A COND	TTACH	ED FOR OF APPROV	
	rue and correct, white printed types	(4)	5.70					
Randy Poston	\		ritte Orilling S	uperintend	lent			
Signature / and h	Test		Datc 10/02/2008					
•	THIS SPACE FOR	FEDE	RAL OR STA	ATE OF	FICE USE			
Approved by								
Conditions of approval, if any, are attached that the applicant holds legal or equitable tentitle the applicant to conduct operations	itle to those rights in the subject lease thereon,	which wo	uld Office			Onte		
Title 18 U.S.C. Section 1001 and Title 43 fletitious or fraudulent statements or repre- (Instructions on page 2)	U.S.C. Section 1212, make it a crime schintens as to only matter within its	for any pe jurisdiction	raon knowingly an	d willfully t	o make to any departmen	it of agency of	he United States any fal-	
(manuelions on page 4)								

TANDEM ENERGY CORP.

ELLIOTT #1

PLUGGING PROCEDURE

NOTIFY BLM @ 575-361-2822 PRIOR TO BEGINNING JOB

- 1. GIH SET CEMENT RETAINER @ 2720'.
- 2. CEMENT WITH 30 SX CLASS "C" (14.2# / 1.32 YD) BELOW RETAINER AND 25 SX CLASS "C" (14.2# / 1.32 YD) ON TOP OF RETAINER. THIS WILL COVER INSIDE OF CASING FROM 2351' 3173'. WE ARE NOT REQUIRED TO TAG THIS PLUG.
- 3. PERFORATE @ 1440'.
- 4. GIH W/ EOT @ 1340'.
- 5. SQUEEZE CEMENT WITH 25 SX CLASS "C" (14.2# / 1.32 YD). THIS WILL COVER 100' (1440'-1340') INSIDE AND 100' (1440'-1340') OUTSIDE OF CASING TO PROTECT BASE OF SALT ZONE.
- AFTER SPOTTING PLUG MOVE UP HOLE 100' AND REVERSE CIRCULATE TUBING TO CLEAR ANY EXCESS CEMENT.
- 7. WOC 4 HOURS.
- 8. GIH TAG CEMENT. NOTIFY BLM IF TAG IS NOT @ 1340'
- 9. POOH WITH TUBING.
- 10. GIH PERFORATE @ 640'
- 11. GIH W/ EOT @ 494'
- 12. SQUEEZE CEMENT WITH 50 SX CLASS "C" (14.2# / 1.32 YD). THIS WILL COVER 146' (640'-494') INSIDE CASING AND 245' (640'-395'), TO COVER TOP OF SALT SECTION AND SURFACE CASING SHOE.
- 13. WOC 4 HOURS.
- 14. GIH TAG PLUG @ 494'. NOTIFY BLM IF UNABLE TO TAG.
- 15. MOVE UP HOLE TO 110'. ESTABLISH CIRCULATION TO SURFACE THROUGH BAD SPOT IN CASING. IF CIRCULATION CANNOT BE ESTABLISHED, WE WILL HAVE TO PERFORATE.
- 16. AFTER ESTABLISHING CIRCULATION. SQUEEZE CEMENT WITH 28 SX CLASS "C" (14,2# / 1.32 YD).
- 17. THIS WILL COVER INSIDE AND OUTSIDE OF CASING FROM 110' TO SURFACE.
- 18. POOH WITH TUBING.
- 19. TOP OFF PRODUCTION CASING WITH CEMENT TO SURFACE AFTER POOH.

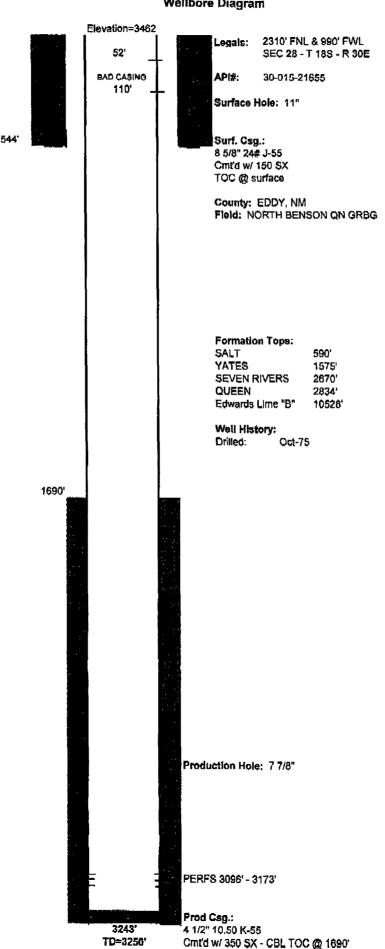
- 20. VISUALLY VERIFY LAST PLUG.
- 21. RIG DOWN PULLING UNIT CUT OFF WELLHEADS AND CAP / DRY HOLE MARKER.

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TANDEM ENERGY CORPORATION ELLIOTT FED #1

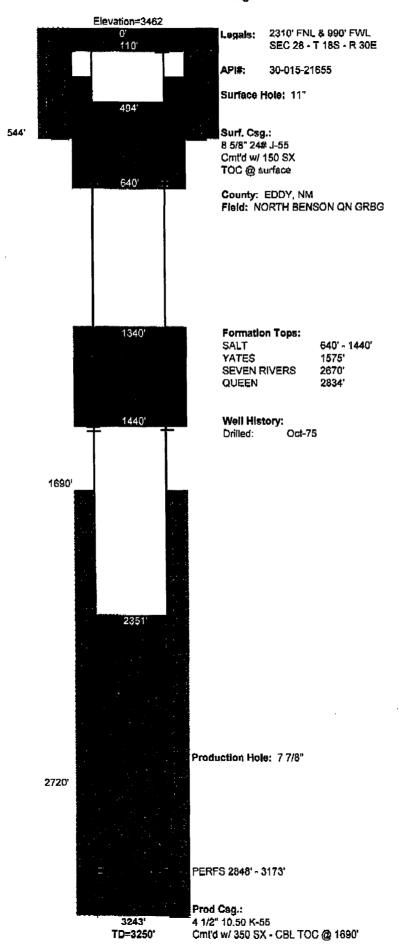
Wellbore Diagram



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TANDEM ENERGY CORPORATION ELLIOTT FED #1 POST PLUGGING STATUS

Wellbore Diagram



BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.