### OCD Artesia

Form 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED 0

OMB N	o 1004-013
Expires	July 31, 201

BUREAU OF LAND MANAGEMENT			5. Lease Serial No. LC057798		
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 N/A		
SUBMIT IN TRIPLICATE – Other instructions on page 2.			7 If Unit of CA/Agreement, Name and/or No N/A		
Type of Well ☐ Gas Well ☐ Other			,	8 Well Name and No Magruder 22	
2 Name of Operator Tarco Energy, L.C.				9 API Well No 3001537747	
3a Address 12403 CR 2300 Lubbock, TX 79423	3b Phone No (include area code) 806-795-2042		le)	10. Field and Pool or Exploratory Area Yates-Seven Rivers	
4 Location of Well (Footage, Sec., T., T17S-R27E Section 35, #J 2275 FSL, 2244 FE	R.M. or Survey Description	)		11 Country or Parish Eddy County, NM	, State
. 12 CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATURE	OF NOTIC	CE, REPORT OR OTH	IER DATA
TYPE OF SUBMISSION	TYPE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	=	uction (Start/Resume)	☐ Water Shut-Off ☐ Well Integrity
Subsequent Report	. Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Other		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
Describe Proposed or Completed Opthe proposal is to deepen directional Attach the Bond under which the wifollowing completion of the involventesting has been completed. Final indetermined that the site is ready for Request to use "A-B" Class Cement.	ally or recomplete horizontal work will be performed or project operations. If the operation Abandonment Notices must be final inspection.)	ly, give subsurface locations and roude the Bond No on file with Blon results in a multiple completion be filed only after all requirements	measured ar LM/BIA R n or recomp s, including	id true vertical depths of lequired subsequent re- letion in a new interval reclamation, have been	ports must be filed within 30 days l, a Form 3160-4 must be filed once

SEE ATTACHED FOR CONDITIONS OF APPROVAL Roswell Controlled Water Basin

Accepted for record - NMOCD 7-1-1

	ea III				
14. I hereby certify that the foregoing is true and correct Name (Printed Typed)					
Joe L. Tarver - for Tarco Energy, L.O.	Title President				
Signature May Deem	Date 07/26/2011				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
ILOM MOCIL	TROLEUM ENGINEER Date AUG 2 9 2011				
	tufy				
that the applicant holds legal or equitable hild to those rights in the subject lease which wou entitle the applicant to conduct operations thereon	Office BLM-CARLSBAD FIELD OFFICE				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Magruder 22 Tarco Energy 30-015-37747 Aug 29, 2011 Conditions of Approval

# Requests:

- 1. Mr Tarver is requesting approval to use Class A-B cement instead of Class C cement as approved in the original APD.
- 2. The Class A-B cement would be used in cementing the following casings:
  - 8-5/8" casing from 380' surface
  - 4-1/2" casing from 540' surface

## **Conditions of Approval:**

- a) It is recommended to allow at least 48 hours minimum curing time for the cement after the cement is in place. Based on a linear analysis of the pilot test data for the Class C cement, this would allow for a compressive strength rating of approximately 1300 psi to be achieved. A longer cure time of 7 days should achieve approximately 4700 psi compressive strength, based on the pilot test data.
- b) In the event that an Annuli Survey is subsequently done, the measured pressures (if any) and the observed effluents (if any) of each annulus, should be reported to the BLM, with the amounts of any H2S or CO2 also reported.
- c) Subsequent sundries are to be filed with drilling details about spud, casing and completion work.
- d) Completion report is to be sent within 30 days of completion.

TMM 08/29/2011