

OCD-ARTESIA

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No NM117806	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr, Other _____		6 If Indian, Allottee or Tribe Name N-A	
2 Name of Operator Tarco Energy LC		7 Unit or CA Agreement Name and No N-A	
3 Address 12403 CR 2300, Lubbock, TX 79423		8 Lease Name and Well No Magruder 21	
3a Phone No (include area code) 806-795-2042		9 AFI Well No. 3001537746	
4 Location of Well (Report location clearly and in accordance with Federal requirements) At surface T17S R27E Section 35 LOT #P 1624 FSL, 2306 FEL At top prod interval reported below 540' TD -Deviation survey waived by OCD At total depth _____		10 Field and Pool, or Exploratory Yates - Seven Rivers	
14 Date Spudded 07/22/2011		15 Date T D Reached 09/14/2011	
16 Date Completed 02/14/2012 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 3621'	
18. Total Depth MD 540' TVD _____		19. Plug Back T D MD TVD 518'	
20 Depth Bridge Plug Set MD TVD 518'		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) Compensated Neutron, Gamma Ray, CCL Log, Bond Log	
22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			

RECEIVED

MAR 13 2012

NM OCD ARTESIA

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8 J55	24#	Surface	380'		70 A & B	*16.3	SURFACE	NONE
7 7/8"	5 1/2 J55	11.6#	Surface	540'		95 A 7 B	**22.19	SORFACE	ONE INCHED
									TO TOP
						*19.56 BBL	USED FOR	VOLUME	ASSURANCE
						**26.63 BBL	USED FOR	VOLUME	ASSURANCE

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	465	N-A						

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Yates-Yates Seven River	421'	461'	421'-23'		6	OPEN
B)			433'-36'		9	OPEN
C)			441'-45'		12	OPEN
D)			455'-61'		18	OPEN

Depth Interval	Amount and Type of Material
421'-461'	2500 GALS -- 15% - HCL with ACI -166 2.5 Gal, NE - 116 1.25 GAL, NE 122 1.25 Gal FE Reducer 7.5 Gal, Balls 100

RECLAMATION DUE 8-19-12

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Grvty Corr API	Gas Grvty	Production Method
02/14/2012	02/16/2012	24	→	5	T B C	34	38	-	Pump Jack
Choke Size N - A	Tbg Press Flwg SI N-A	Csg Press 16#	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

ACCEPTED FOR RECORD

PRODUCING

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Grvty Corr API	Gas Grvty	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

MAR 10 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc)

TO BE TESTED AND THEN CONNECTED TO A GAS LINE

30. Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Joe L. Tarver

Title Manager

Signature 

Date 02/22/2012

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.

Tarco Energy LC

Drilling and Completion Report Magruder #21

- 07-18-2011 Set Surface BOP (diverter) Casing**
- 07-20-2011 Move in rig & set for drilling**
- 07-22-2011 Spud in w/12 1/4" Bit**

- 09-14-2011 Reached TD 382'**
- 09-16-2011 Ran new 8-5/8" J55 - 24# surface to 380'**
- 09-22-2011 Circulate cement to surface**

- 09-26-2011 Set up to drill 7-7/8"**
- 11-14-2011 Reached TD of 540'**
- 11-15-2011 Ran 4-1/2" J55 - 11.6# new - surface to 540'**
- 11-16-2011 Cir cement to 160' from surface**
- 01-18-2012 Gray Wireline - Comp. neutron/gamma ray/ccl Log
Cement Bond Log; Perf 3 holes per foot 421'-23',
433'-36', 441'-45', 455'-61'**
- 01-19-2012 One inched top off of cement to surface**

- 01-30-2012 Basic Energy
2500 Gals - 15% - HCL with ACI - 166 2.5 Gals NE -
16 1.25 Gals, NE 122 1.25 Gals, FE reducer 7.5 Gals**
- 02-06-2012 Ran production 2 3/8" to 465' - rods &
down hole pump, hang on for Production**
- 02-14-2012 Electric connected - start pump**
- 02-16-2012 Test 24 HR - 5 BBL oil - 34 BBL water
Gas tests & connection at later date**