

Office

Energy, Minerals and Natural Resources

Revised August 1, 2011

District I - (575) 393-6161

1625 N. French Dr., Hobbs, NM 88240

District II - (575) 748-1283

811 S. First St., Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Rd., Aztec, NM 87410

District IV - (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM

87505

HOBBS OGD

NOV 14 2012

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-39746

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-9713

7. Lease Name or Unit Agreement Name

PEDRO 11 STATE

8. Well Number

1

9. OGRID Number

231429

10. Pool name or Wildcat *San Andres*

MESCALERO UPPER PENN NORTH

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

MANZANO, LLC

3. Address of Operator

P.O.BOX 2107, ROSWELL, NM 88202-2107

4. Well Location

Unit Letter F : 2025 feet from the NORTH line and 1985 feet from the WEST lineSection 11 Township 10S Range 32E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4269' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/20/12 RIH w/CCL and CIBP. set CIBP @ 3936'

9/25/12 MIRU Scientific Drilling. RIH w/wireline and orient whipstock @ 39.27 degrees. Set whipstock on CIBP @ 3936' w/4k. Start milling on casing. Milled for 15min before cut hole in the casing

9/26/12 Drilled 125' of new formation. RIH w/ Packer Plus Port system (details below), and 5 1/2" hanger to 3916'. Set Perma Plus packer at 3916', open hole packer at 4018', 2nd open hole packer at 4059' and pump out sub at 4060'.

10/9/12 MIRU Baker Hughes Acidizing. Pumped 2,000gl of 15% NEFE acid at a rate of 2BPM & at average treating pressure of 1722psi.

10/10/12-10/19/12 Swab test with 1-5% oil cut and 30-50 BWPD. Rig down pulling unit and get plugging orders.

Spud Date:

5-31-2010

Rig Release Date:

7-06-2010

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

SIGNATURE Paul Ragdale TITLE OTHER DATE 11/12/2012Type or print name PAUL RAGSDALEE-mail address: paul@manzanoenergy.com PHONE: 575-626-7903

For State Use Only

APPROVED BY

Conditions of Approval y):

TITLE Dist. Mgr DATE 11-15-2012

NOV 28 2012

Chm

MANZANO - LLC
WELLBORE Diagram (as of 11/15/12)

PEDRO 11 STATE #1

API #30-025-39746
2025' N & 1985' W
Section 11-T10S-R32E
Lea County, NM
GL Elevation: 4269'
KB Elevation: 4284' (15')

Tubulars					
	Size	No Jts	Grade - Wt	Thrds	Depth Set (RKB)
Surf.	13 3/8"	10	H-40 - 48#/ft	ST&C	426'
Interm.	8 5/8"	?	J-55 - 24-32#/ft	ST&C	3376'
Prod.	5 1/2"	180	I-80 17.0#/ft	LT&C	7731'
Prod.	5 1/2"	33	HCP-110 - #17.0#/ft	LT&C	8874'

TBG	2 7/8"	126	L80 6.5#/ft EUE 8rd		
TAC		1	Tubing Anchor		4003'
TBG	2 7/8"	5	L80 6.5#/ft EUE 8rd		
SN		1	Seating Nipple		4200
	2 7/8"	1	4" Perf Sub		
TBG	2 7/8"	1	Bull Plugged Mud Joint		4240
1			1.5" x 22' Polish Rod w/1.5"x1.75"x14' Liner		
1			7/8"x6' Pony Rod		
51			7/8" Norris 97 HS Rods		
107			3/4" Norris 97 HS rods		
7			1.5" Sinker Bars		
1			2.5"x1.5"x24' RHBC-HVR Pump		

13 3/8" 48#/ft H-40 @ 426'
Cemented w/400sx Class "C"
Circulate 146sx

8 5/8" 28#&32#/ft J55 @ 3376'
Cemented w/1400sx (Circ 612sx)

CIBP @ 3916' ← LINDER HANGER @ 3916'

Perf San Andres 4084'-4170'
SN @ 4200 / Bottom tbg @ 4240'

OPEN HOLE TO 4060', OPEN HOLE PACKED AT 4018' & 4059'

CIBP @ 4350' cap w/25' Class H
CIBP @ 6000' cap w/25' Class H
5 1/2" I-80 17# 7732'-Surf
DV Tool @ 7614'

CIBP w/25sx @ 8010'

Perf M/Wolfcamp 8260-66'

Acidize 8260-66 by itself w/2000gl 15% - 3 BPM @ 4500#
Pumped 8260-8338 together - Last prod was 5 BOPD + 5 MCF
Abandon perfs to move up to San Andres
Acidize w/2200gls 15% - 6 BPM @ 7000#
Acidize again w/5000gl 15% - 6 BPM @ 6000#
Pumped 5 BOPD w/very little water or gas

Perf L/Wolfcamp 8332'-38'

CIBP w/10sx @ 8600'
Perf Bough C 8651'-8799'

Acidize w/4000gl 15%
Produced avg 2 BOPD + 135 BWPD (abandon for hi water cut)

CIBP @ 8850'
Perf Bough D 8868'-8878'

Acidize 8868'-78' w/10000gl 15% NeFe (AvR=8 BPM @ 60#)
Zone Depleted

5 1/2" P110 17# 8875'-7732'
PBTD 8912' KB (Wireline)

CIBP @ 8906'
Open hole from 8875'-8912'

Cement 1st Stage w/475sx Super "H"
Cement 2nd Stage w/1400sx Hall Lite
Tail in w/250sx Prem Plus - Circ 27sx to pits