

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 OCO

NOV 14 2012

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-39746
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator MANZANO, LLC	
3. Address of Operator P.O.BOX 2107, ROSWELL, NM 88202-2107	
4. Well Location Unit Letter <u>F</u> : <u>2025</u> feet from the <u>NORTH</u> line and <u>1985</u> feet from the <u>WEST</u> line Section <u>11</u> Township <u>10S</u> Range <u>32E</u> 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Well is no longer capable of production. Propose to plug and abandon as follows:
Set 100' cement plug from 3866'-3966' across liner top. *→ Circ Well w/ MLE - Well Tag*
Set 100' cement plug from 3326-3426' across 8 5/8" shoe. Tag plug.
Set 100' cement plug from 376'-426' across 13 3/8" shoe. Tag plug.
Set 10 sack plug at surface *FROM 60' → SURFACE*
Install dry hole marker. Clean location including meter pole, notify LeaCo Electric to remove all power poles.

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 11/12/2012

Type or print name PAUL RAGSDALE E-mail address: paul@manzanoenergy.com PHONE: 575-626-7903

For State Use Only

APPROVED BY: E. Gonzalez TITLE Dist. Mgr DATE 11-20-2012
Conditions of Approval (if any):

Oil Conservation Division - Hobbs office: **Must be Notified 24 hours prior to the beginning of Plugging Operations begin.**

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' LINER HANGER @ 3916'

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

OPEN HOLE TO 4060', OPEN HOLE PROCEEDS 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'
PBDT 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

Plug & Abandon Proposal

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← Plug #4 AT SURFACE 60' → to SURFACE

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

← Plug #3 326'-426' Across 13 3/8" shoe
476

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

← Plug #2 3326'-3426' Across 8 5/8" shoe

Plug #1 3866'-3966'

(which goes out in the open hole)

Circ w/MLF CIBP @ 3916'

← Line Hanger @ 3916'

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

← OPEN HOLE TO 4050', OPEN HOLE PACKERS AT 4013' & 4059'

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