

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

87505

HOBBS OCD

OCT 25

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-23248

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

k-258

7. Lease Name or Unit Agreement Name

DeSoto State

8. Well Number

1

9. OGRID Number

231429

10. Pool name or Wildcat

Tulk-Penn

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

PO Box 2107 Roswell, NM 88202

4. Well Location

Unit Letter D : 660 feet from the North line and 660 feet from the West line

Section 35 Township 14S Range 32E NMPM County Lea

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

4281.5' 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.

Propose to P & A as follows:

Set CIBP at 9700' and cap with 35' cement

Spot 25 sacks cement at 6700'

Spot 25 sacks cement at 4106' (8-5/8" shoe@ 4056') WOC - TAG

Spot 25 sacks cement at 1540' (top of salt@ 1590') WOC - TAG

10 sacks cement surface plug → PERFORM 450' - CIRC CANT TO SURFACE

Work will commence within 30 days of approved plugging procedure

Spud Date:

Rig Rel:

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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

SIGNATURE

TITLE Production Manager

DATE 10/24/11

Type or print name

John B. Thompson

E-mail address: j.thompson@qwestoffice.net

PHONE: 575-420-1455

For State Use Only

APPROVED BY:

TITLE

Staff mgr

DATE

11-14-2011

Conditions of Approval (if any):

NOV 15 2011

(3 STRING CSNG)

OPERATOR

MANZANO LLC

Desoto State

WELL #

35 TWN

145 RNG 32E

616.0 (N)S L

660 EWL

4970

FORMATION @ TR ' CISC0

FORMATION @ PBTD 645607

13 $\frac{3}{4}$ " 48th

@ 399

TOC *6122*

3 5/8" 24 1/2 32

@ 4056

TOC 2500'

3505x

5 1/2" 17th

@ 9920

TOC 77.50'

4605x

9970

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8	399	SURF	CIRC	
INTMED 1	8 3/8	4056	2500	CALL	
INTMED 2					
PROD	5 1/2	9970	7750	CALL	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	-	
INTMED 2			OPENHOLE	-	
PROD					

* REQUIRED PLUGS DISTRICT 1

RUSTLER (AMBYD)	
YATES	
QUREN	
GRAYBURG	
SAN ANDREE	
CAPITAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLIMBRY	
TUBS	
DRINKARD	
ABO	
WC	
PERH	
STRAWN	
ATOKA	
MOCPROW	
AMES	
DEVORLAN	

[illegible]

MANZANO - LLC WELLBORE DIAGRAM

DeSoto St #1
Tulk Field
660 FNL & 660 FWL
Sec 35-T-14S- R32E
Lea County, New Mexico
GL Elevation: 4281.5'

13 3/8" Cemented w/400sx "C"
Circ 100sx

Estimated TOC @ 2500'
8 5/8" Cemented w/300sx "C"

E.O.T 9692'

Perf Holes 9726-36 1 spf
possible cast iron bridge plug set at
9770' on 6-11-1979

9782'-92'

9816'-27"

9843-48'

9888-9896'

9902'-9912'

9930'-36'

Plug back TD 9970'

February 2011 well started producing large amounts of water
Cement has not been circulated on either 5 1/2" or 8 5/8"

Tubulars

Size	No Jts	Wt	Grade/Thrds	Depth Set (RKB)
13 3/8"		48 #/ft	H40/ST&C	399'
8 5/8"		24/32#	J55	4056'
5 1/2"		17 #/ft	N80	9970'
2 7/8"		6.50 #/ft	L80/EUE8rd	9692'

Production Assembly

Description	Length	Depth Set (RKB)
324 - Jts 2 7/8" Tubing	9,686.19'	9699.19'
1 - 2 7/8" x 5-1/2" B-3 TAC	3.20'	9,702.39'
2 - Jt 2-7/8" Tubing	64.00'	9,766.39'
1 - Seating Nipple	1.10'	9,767.49'
1 - 4' 2 7/8" Perf Sub	4.00'	9,771.49'
	0.00'	9,771.49'

Rod Assembly

2.5" x 2.5" x 28" Pump
1 1/2" x 30' polish rod w/liner
1" 8-6 sub
74 jts 1" rods 1850'
140 jts 7/8" rods 3500'
174 jts 3/4" rods 4350'
3/4" sub 2' for a total of 9744'

Pumping Unit

Lufkin - M/640