

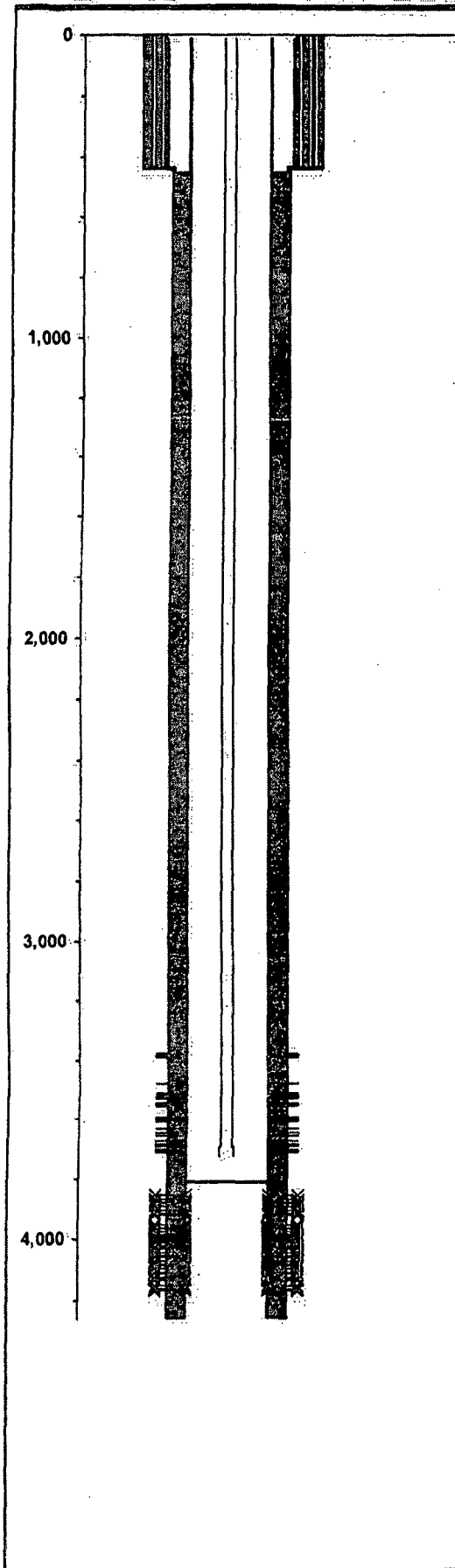
Wellbore Schematic (From Surface to TD)

Printed: 2/15/2013

State 20 B # 15

Well ID: 81175-015

API # 30-015-33097



1650 FNL and 480 FEL	GL Elev:	3,607.00
Sec,Blk,Sur(Lbr,Lge,Sur)or(Sec,Twn,Rng): 20H, T17S, R29E,	Fill Depth:	3,756
County, State: Eddy, NM	PBTD:	4,250.00
Aux ID:	TD:	4,312.00
KB = 13; DF = ; All Depths Corr To: KB	BOP:	

Hole Size

Diameter	Top At	Btm At	Date Drilled
12.0000	0.00	435.00	11/17/2003
7.8750	435.00	4,312.00	11/24/2003

Surface Casing

Date Ran: 11/17/2003

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	13	8.6250	24.00	J55	422.00	13.00	435.00

Production Casing String 1

Date Ran: 11/24/2003

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	71	5.5000	17.00	J55	2,610.85	13.00	2,623.85
D V Tool	1	5.5000			2.10	2,623.85	2,625.95
Casing	37	5.5000	17.00	J55	1,638.95	2,625.95	4,264.90
Float Collar	1	5.5000			1.30	4,264.90	4,266.20
Casing	1	5.5000	17.00	J55	44.70	4,266.20	4,310.90
Float Shoe	1	5.5000			1.10	4,310.90	4,312.00

Cement

# Sx	Class	Weight	I D	O D	Top At	Btm At	TOC Per
400			8.625	12.000	0.00	435.00	Circ
950			5.500	7.875	453.00	4,312.00	TS

Zone and Perfs

Glorieta-Yeso, East

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
3,378.00	3,378.00	San Andres	A	1/21/2013		1	1
3,382.00	3,382.00	San Andres	A	1/21/2013		1	1
3,387.00	3,387.00	San Andres	A	1/21/2013		1	1
3,392.00	3,392.00	San Andres	A	1/21/2013		1	1
3,394.00	3,394.00	San Andres	A	1/21/2013		1	1
3,481.00	3,481.00	San Andres	A	1/21/2013		1	1
3,515.00	3,515.00	San Andres	A	1/21/2013		1	1
3,518.00	3,518.00	San Andres	A	1/21/2013		1	1
3,524.00	3,524.00	San Andres	A	1/21/2013		1	1
3,528.00	3,528.00	San Andres	A	1/21/2013		1	1
3,532.00	3,532.00	San Andres	A	1/21/2013		1	1
3,546.00	3,546.00	San Andres	A	1/21/2013		1	1
3,550.00	3,550.00	San Andres	A	1/21/2013		1	1
3,554.00	3,554.00	San Andres	A	1/21/2013		1	1
3,592.00	3,592.00	San Andres	A	1/21/2013		1	1
3,596.00	3,596.00	San Andres	A	1/21/2013		1	1
3,600.00	3,600.00	San Andres	A	1/21/2013		1	1
3,605.00	3,605.00	San Andres	A	1/21/2013		1	1
3,609.00	3,609.00	San Andres	A	1/21/2013		1	1
3,633.00	3,633.00	San Andres	A	1/21/2013		1	1
3,647.00	3,647.00	San Andres	A	1/21/2013		1	1
3,653.00	3,653.00	San Andres	A	1/21/2013		1	1
3,675.00	3,675.00	San Andres	A	1/21/2013		1	1
3,680.00	3,680.00	San Andres	A	1/21/2013		1	1
3,686.00	3,686.00	San Andres	A	1/21/2013		1	1
3,692.00	3,692.00	San Andres	A	1/21/2013		1	1
3,702.00	3,702.00	San Andres	A	1/21/2013		1	1
3,707.00	3,707.00	San Andres	A	1/21/2013		1	1

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Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
3,712.00	3,712.00	San Andres	A	1/21/2013		1	1
3,855.00	3,855.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,867.00	3,867.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,878.00	3,878.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,882.00	3,882.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,891.00	3,891.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,905.00	3,905.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,907.00	3,907.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,914.00	3,914.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,917.00	3,917.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,921.00	3,921.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,955.00	3,955.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,964.00	3,964.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,968.00	3,968.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,977.00	3,977.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,985.00	3,985.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,990.00	3,990.00	YESO	PA	12/5/2003	1/21/2013	1	1
3,995.00	3,995.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,000.00	4,000.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,005.00	4,005.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,010.00	4,010.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,015.00	4,015.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,023.00	4,023.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,028.00	4,028.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,033.00	4,033.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,048.00	4,048.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,054.00	4,054.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,059.00	4,059.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,077.00	4,077.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,082.00	4,082.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,090.00	4,090.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,100.00	4,100.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,113.00	4,113.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,125.00	4,125.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,130.00	4,130.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,135.00	4,135.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,153.00	4,153.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,164.00	4,164.00	YESO	PA	12/5/2003	1/21/2013	1	1
4,169.00	4,169.00	YESO	PA	12/5/2003	1/21/2013	1	1

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
3,810.00	3,813.00	CIBP	5.500	Yes	1/21/2013

20' cement on top of plug

Tubing String 1

Date Ran: 2/8/2013

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tbg Sect 1	115	2.3750		J55	3,679.00	13.00	3,692.00
Stg Nipple	1	2.8750		J55	1.10	3,692.00	3,693.10
Mud Anchor	1	2.8750			31.00	3,693.10	3,724.10
Collar	1	2.8750		J55	0.00	3,724.10	3,724.10

Rod String 1

Date Ran: 2/8/2013

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Pol Rd Lnr	1	1.7500			15.00	-15.00	0.00
Pol Rd	1	1.5000			26.00	0.00	26.00
Rod Sect 1	2	1.0000			8.00	26.00	34.00
Rod Sect 2	56	1.0000			1,400.00	34.00	1,434.00
Rod Sect 3	43	0.8750			1,075.00	1,434.00	2,509.00
Rod Sect 4	43	0.7500			1,075.00	2,509.00	3,584.00

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Rod Sect 5	4	1:2500			100.00	3,584.00	3,684.00
Pump	1	1:5000			16.00	3,684.00	3,700.00

