

Submit 1 Copy To Appropriate District Office
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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-025-31444
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator CROSS TIMBERS ENERGY, LLC		6. State Oil & Gas Lease No. 312471
3. Address of Operator 400 WEST 7th STREET, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name SE MALJAMAR GB/SA UNIT
4. Well Location Unit Letter A : 1200 feet from the N line and 950 feet from the E line Section 32 Township 17S Range 33E NMPM County LEA		8. Well Number 906
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
		10. Pool name or Wildcat MALJAMAR; GRAYBURG-SAN AN
		4051 GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: PERFORM STEP-RATE TEST ☒		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.

1. MIRU kill trk & WL; RIH GR, RIH BHP gauges.
2. Inject prod. wtr at varying rates, record fracture pressure.
3. RDMO, submit measurements and request for IPI.

See attached schematic.

**PROVIDE S.R.T. RESULTS
TO SANTA FE OCD FOR
APPROVAL**

Spud Date:

12/09/1991

Rig Release Date:

12/31/1991

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

SIGNATURE

Laura Stone

TITLE

Regulatory Compliance

DATE 6/2/2015

Type or print name

Laura Stone

E-mail address:

rgrigg@mspartners.com

PHONE: 817-334-7842

For State Use Only

APPROVED BY:

Accepted for Record Only

TITLE

DATE

6/3/2015

Conditions of Approval (if any):

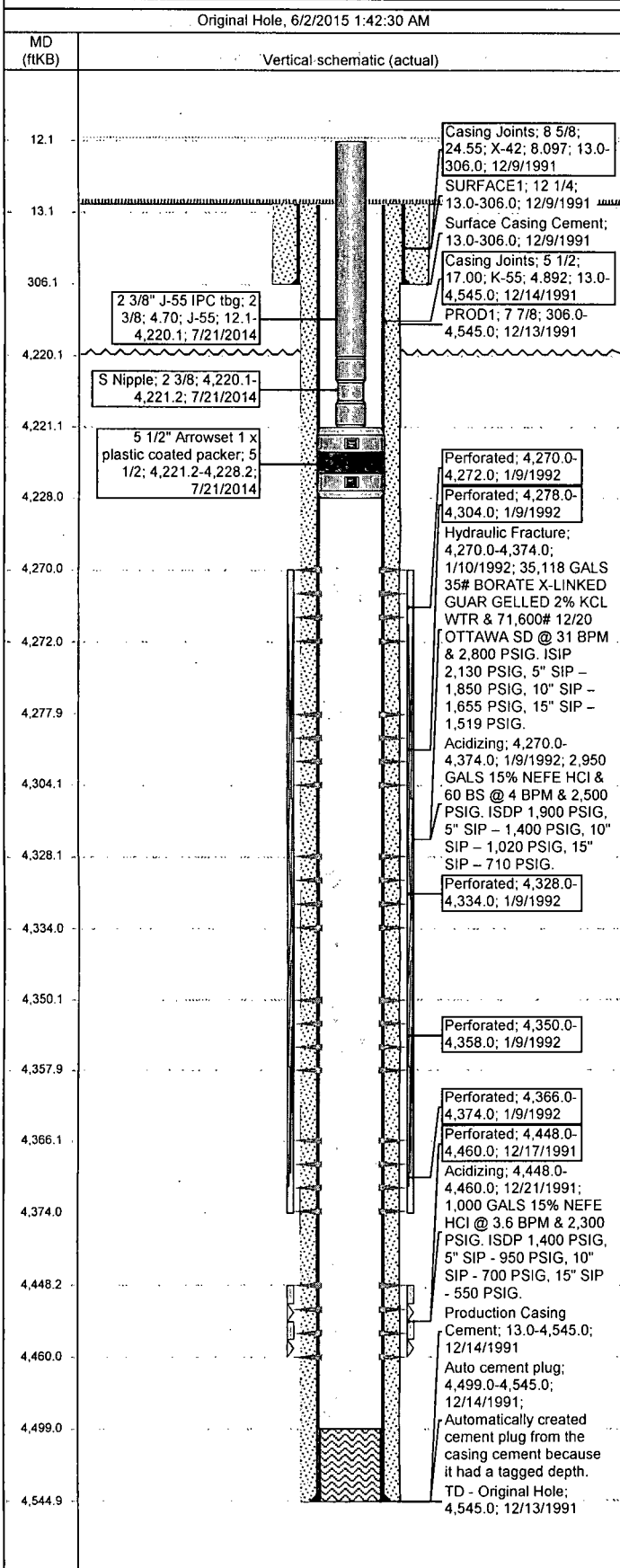
WOB / OCD

JUN 08 2015

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Injector Schematic & History

Well Name SOUTHEAST MALJAMAR GB/SA UNIT 906		API/UWI 3002531444	County Lea		State/Province New Mexico		Field Name MALJAMAR	
Location 1200 FNL & 950 FEL			Township 17S	Range 33E	Section 32	Latitude (°) 32° 47' 41.915" N		Longitude (°) 103° 40' 47.285" W
Section	Survey				Block		Township	Abstract
Original KB Elevation (ft) 4,064.00		Ground/Corrected Ground Elevation (ft) 4,051.00		KB-Ground Distance (ft) 13.00		Spud Date		



Jobs

Type	Start Date	Summary
Drilling Original & Initial Completion	12/9/1991	D&C San Andres producer. Perf, acidize, S. 7.5 BFPH 20% OC, POP, IP 7 BOPD, 31 BW, 5 MCF. Perf GB, A. S. 0.5 BFPH 10% OC, Frac GB, POP, IP 20 BOPD, 321 BW (SA still isolated).
Downhole Commingle	8/7/1992	Pull RBP over SA perfs, commingle, RTP.
Repair Tbg Failure	5/12/2009	
Repair Parted Rods	8/26/2009	
Repair Tbg Failure	7/29/2011	
Repair Parted Rods	9/30/2011	
Repair Parted Rods	11/7/2012	
Replace Equipment	6/4/2013	
Convert To Injection	7/15/2014	
Step-Rate Injection Test	10/28/2014	

Wellbore Sections

Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
SURFACE1	Original Hole	12 1/4	13.0	306.0	12/9/1991
Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
PROD1	Original Hole	7 7/8	306.0	4,545.0	12/10/1991

Surface 306.0 ftKB 12/9/1991

Comment

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
8 5/8	24.55	X-42	13.0	306.0	293	Casing Joints

Production 4,545.0 ftKB 12/14/1991

Comment

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
5 1/2	17.00	K-55	13.0	4,545.0	4532	Casing Joints

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment
Surface Casing Cement	13.0	306.0	Cement Returns	250 SX CL "C" CMT w/2% CaCl2 (14.8 PPG, 1.32 FT3/SX). CIRC 48 SX TO SURF.
Production Casing Cement	13.0	4,545.0	Cement Returns	1,050 SX 35/65 POZ/C w/8% GEL & 5# SALT/SX (12.7 PPG, 2.04 FT3/SX) & 250 SX CLASS "C" w/5# SALT/SX & 3# SD/SX (14.8 PPG, 1.33 FT3/SX). CIRC 52 SX CMT TO SURF.

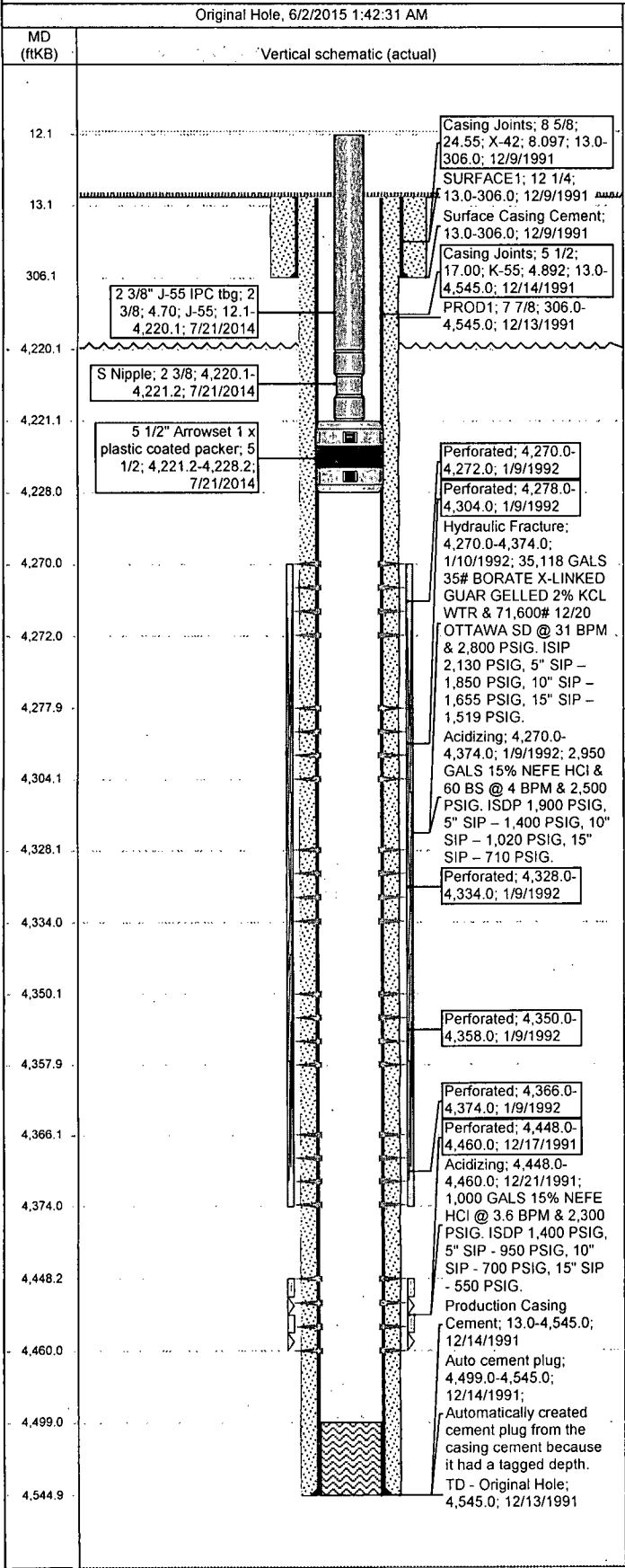
Perforations

Top (ftKB)	Btm (ftKB)	Shot Dens (shot s/ft)	Date	Zone	Calculated Shot Total
4,270.0	4,272.0	1.0	1/9/1992	GRAYBURG, Original Hole	3
4,278.0	4,304.0	1.0	1/9/1992	GRAYBURG, Original Hole	27
4,328.0	4,334.0	1.0	1/9/1992	GRAYBURG, Original Hole	7
4,350.0	4,358.0	1.0	1/9/1992	GRAYBURG, Original Hole	9
4,366.0	4,374.0	1.0	1/9/1992	GRAYBURG, Original Hole	9
4,448.0	4,460.0	1.0	12/17/1991	SAN ANDRES, Original Hole	13

Stim/Treat Stages

Type	Start Date	Top (ftKB)	Btm (ftKB)	Com
Acidizing	12/21/1991	4,448.0	4,460.0	1,000 GALS 15% NEFE HCl @ 3.6 BPM & 2,300 PSIG. ISDP 1,400 PSIG, 5" SIP - 950 PSIG, 10" SIP - 700 PSIG, 15" SIP - 550 PSIG.

Injector Schematic & History



Stim/Treat Stages							
Type	Start Date	Top (ftKB)	Btm (ftKB)	Com			
Acidizing	1/9/1992	4,270.0	4,374.0	2,950 GALS 15% NEFE HCl & 60 BS @ 4 BPM & 2,500 PSIG. ISDP 1,900 PSIG, 5" SIP – 1,400 PSIG, 10" SIP – 1,020 PSIG, 15" SIP – 710 PSIG.			
Hydraulic Fracture	1/10/1992	4,270.0	4,374.0	35,118 GALS 35# BORATE X-LINKED GUAR GELLED 2% KCL WTR & 71,600# 12/20 OTTAWA SD @ 31 BPM & 2,800 PSIG. ISIP 2,130 PSIG, 5" SIP – 1,850 PSIG, 10" SIP – 1,655 PSIG, 15" SIP – 1,519 PSIG.			
Other In Hole							
Des	Com		OD (in)	Run Date	Top (ftKB) Btm (ftKB)		
Tubing - Injection (IPC) set at 4228ftKB on 7/21/2014 07:11							
Set Depth (ftKB)	Comment			Run Date	Pull Date		
4228				7/21/2014			
Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
2 3/8" J-55 IPC tbg	2 3/8	4.70	J-55	4208	130	12	4220
S Nipple	2 3/8			1.1	1	4220	4221
5 1/2" Arrowset 1 x plastic coated packer	5 1/2			7	1	4221	4228