

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

Form C-103
Revised July 18, 2013

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

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. 30-025-38702
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. 312488
3. Address of Operator 400 WEST 7th STREET, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name WHIRLWIND 25 ST.
4. Well Location Unit Letter P 660 feet from the S line and 990 feet from the E line Section 25 Township 16S Range 34E NMPM County LEA		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
		10. Pool name or Wildcat VACUUM; ATOKA-MORROW, N
		4,037' GR

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

E-PERMITTING <SWD INJECTION> CONVERSION ☐ RBDMS ☒ RETURN TO ☐ TA ☒ CSNG ☐ CHG LOC ☐ INT TO PA ☐ P&A NR ☐ P&A R ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: TEMPORARILY ABANDON ☒
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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.

5/4/15 POOH tbg, kill well; @ 12624'
5/6/15 Att. RIH GR, tag above PBTD, receive verbal from M. Whitaker to abandon adding cement.
5/7/15 Set CIBP @ 12,552', dump bail 35' cement on plug. RDMO.
5/12/15 Top off well w/ 32 bbls pkr fluid, perform MIT, passed, witnessed by M. Whitaker.

See attached current schematic.

This Approval of Temporary
Abandonment Expires 5/12/2017

Spud Date:

02/15/2008

Rig Release Date:

03/28/2008

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

SIGNATURE Robbie A Grigg TITLE Regulatory Compliance DATE 05/13/2015

Type or print name Robbie A Grigg E-mail address: rgrigg@mspartners.com PHONE: 817-334-7842

For State Use Only

APPROVED BY: Malcolm Brown TITLE Dist Supervisor DATE 5/14/2015

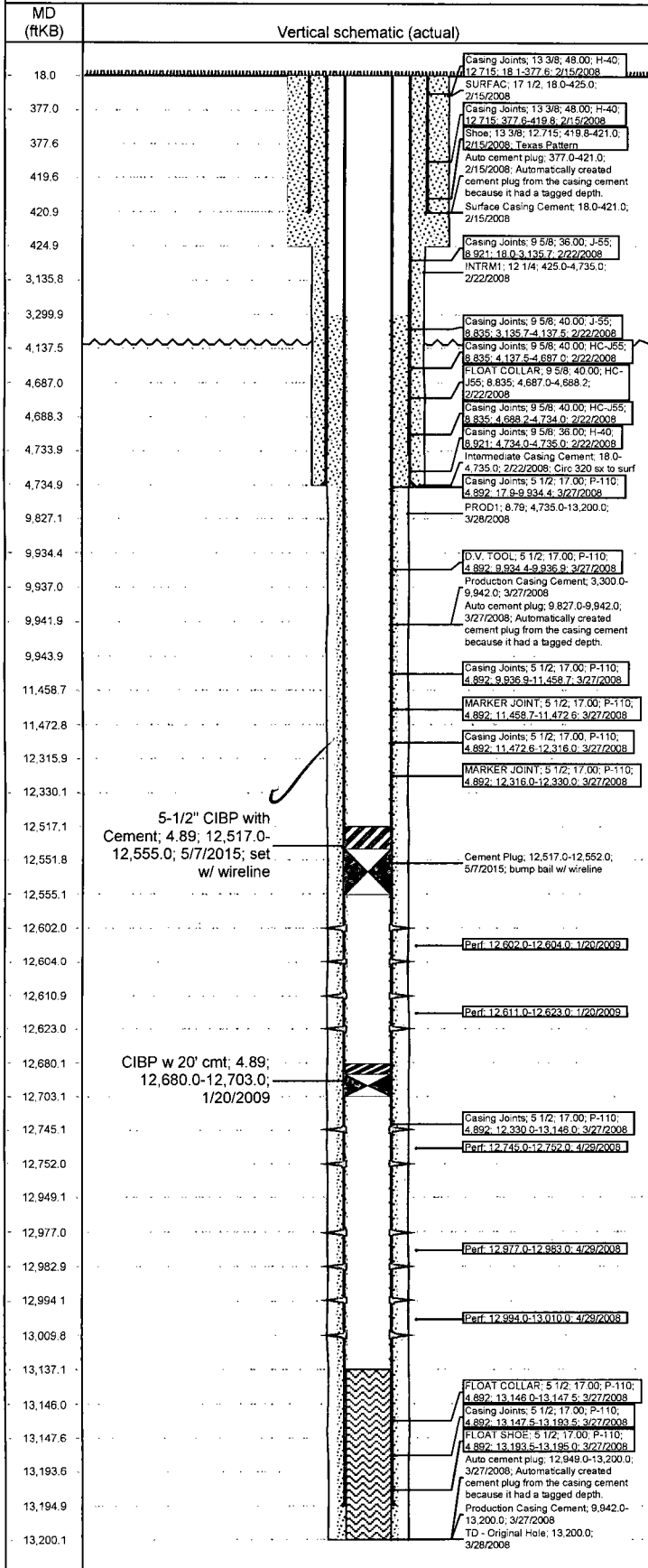
Conditions of Approval (if any)

MAY 18 2015

Schematic & History

Well Name WHIRLWIND 25 STATE #1		API/UWI 3002538702		County Lea		State/Province New Mexico		Field Name VACUUM N	
Location NEAR BUCKEYE, NM				Township 16S	Range 34E	Section 25	Latitude (°) 32° 53' 16.217" N	Longitude (°) 103° 30' 31.93" W	
Original KB Elevation (ft) 4,055.00		Ground/Corrected Ground Elevation (ft) 4,037.00		KB-Ground Distance (ft) 18.00		Spud Date 2/15/2008			

Vertical - Original Hole, 5/13/2015 10:17:53 AM



Jobs

Type	Start Date	Summary
DRILLING ORIGINAL & INITIAL COMPLETION	2/15/2008	D&C Atoka/Morrow producer.
Open Additional Pay - OAP	1/20/2009	Shoot hole sin tbg, pl tbg & pkr, Set CIBP, dump cmt, perf Atoka, RDMO.
Upgrade Rods/Tubing	3/3/2009	
Production Test	6/15/2009	
Swab	6/18/2009	
Swab	7/20/2009	
Temporarily Abandon Well	5/4/2015	MIRU, kill well, POOH, flowing condensate, kill well, POOH, att. RIH GR to PBTD, tagged high 12,624', recieved approval from OCD to abandon adding cement over Morrow, set CIBP over Atoka, dump bail cement, RDMO, top off hole w/ pkr fluid, perform MIT, passed. FR wellbore TA'd.

Wellbore Sections

Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
SURFAC	Original Hole	17 1/2	18.0	425.0	2/15/2008
INTRM1	Original Hole	12 1/4	425.0	4,735.0	2/22/2008
PROD1	Original Hole	8.785	4,735.0	13,200.0	3/27/2008

Surface 421.0 ftKB 2/15/2008

Comment

Csg on hand: 12 (506.97') Csg Left out: 2 (84.87')

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
13 3/8	48.00	H-40	18.1	377.6	359.5	Casing Joints
13 3/8			377.6	377.6	0	INSERT FLOAT
13 3/8	48.00	H-40	377.6	419.8	42.2	Casing Joints
13 3/8			419.8	421.0	1.3	Shoe

Intermediate 4,735.0 ftKB 2/22/2008

Comment

Csg on hand: 113 (4908.23') Csg Left Out: 4 (172.99) CUT OFF: 20.5'

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	36.00	J-55	18.0	3,135.7	3117.7	Casing Joints
9 5/8	40.00	J-55	3,135.7	4,137.5	1001.8	Casing Joints
9 5/8	40.00	HC-J55	4,137.5	4,687.0	549.5	Casing Joints
9 5/8	40.00	HC-J55	4,687.0	4,688.2	1.2	FLOAT COLLAR
9 5/8	40.00	HC-J55	4,688.2	4,734.0	45.8	Casing Joints
9 5/8	36.00	H-40	4,734.0	4,735.0	1	Casing Joints

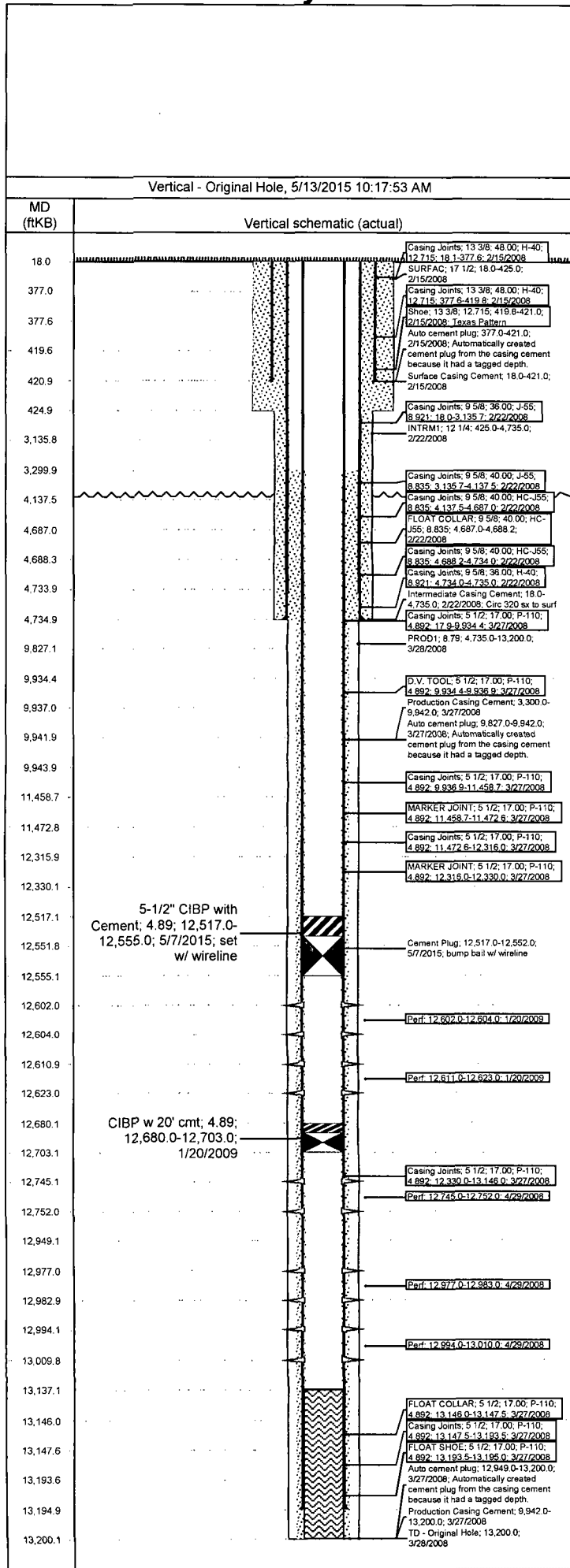
Production 13,195.0 ftKB 3/27/2008

Comment

Casg on hand 300 jts 13,378.62' (4 joints left out .181.14') cut off 25.'

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
5 1/2	17.00	P-110	17.9	9,934.4	9916.5	Casing Joints
5 1/2	17.00	P-110	9,934.4	9,936.9	2.5	D.V. TOOL
5 1/2	17.00	P-110	9,936.9	11,458.7	1521.8	Casing Joints
5 1/2	17.00	P-110	11,458.7	11,472.6	13.9	MARKER JOINT
5 1/2	17.00	P-110	11,472.6	12,316.0	843.4	Casing Joints
5 1/2	17.00	P-110	12,316.0	12,330.0	14	MARKER JOINT
5 1/2	17.00	P-110	12,330.0	13,146.0	816	Casing Joints
5 1/2	17.00	P-110	13,146.0	13,147.5	1.5	FLOAT COLLAR
5 1/2	17.00	P-110	13,147.5	13,193.5	46	Casing Joints
5 1/2	17.00	P-110	13,193.5	13,195.0	1.5	FLOAT SHOE

Schematic & History



Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
Surface Casing Cement	18.0	421.0	VISUAL	CIRCULATE 90 SX, 30 BBL TO SURFACE
Intermediate Casing Cement	18.0	4,735.0		Circ 320 sx to surf (77 bbl to surf)
Production Casing Cement	9,942.0	13,200.0	Volume Calculations	
Production Casing Cement	3,300.0	9,942.0	Volume Calculations	
Cement Plug	12,517.0	12,552.0	Calculated	bump bail cement on CIBP @ 12,552' w/ wireline

Perforations

Top (ftKB)	Btm (ftKB)	Shot Dens (shot s/ft)	Date	Zone	Calculated Shot Total
12,602.0	12,604.0	2.0	1/20/2009	Atoka, Original Hole	5
12,611.0	12,623.0	2.0	1/20/2009	Atoka, Original Hole	25
12,745.0	12,752.0	6.0	4/29/2008	Atoka, Original Hole	43
12,977.0	12,983.0	2.0	4/29/2008	MORROW, Original Hole	13
12,994.0	13,010.0	2.0	4/29/2008	MORROW, Original Hole	33

Stim/Treat Stages

Type	Start Date	Top (ftKB)	Btm (ftKB)	Com

Other In Hole

Des	Com	OD (in)	Run Date	Top (ftKB)	Btm (ftKB)
CIBP w 20' cmt		4.892	1/20/2009	12,680.0	12,703.0
5-1/2" CIBP with Cement	set w/ wireline	4.892	5/7/2015	12,517.0	12,555.0

Tubing - Production set at 12545ftKB on 3/4/2009 00:00

Set Depth (ftKB)	Comment				Run Date		Pull Date	
12545					3/4/2009		5/5/2015	
Item Des		OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
Tubing		2 7/8	6.50	L-80	12543.7	394	0	12544
Seat Nipple		2 7/8			1.1	1	12544	12545

<des> on <dtmrun>

Rod Description

Item Des	OD (in)	Grade	Jts	Len (ft)

R

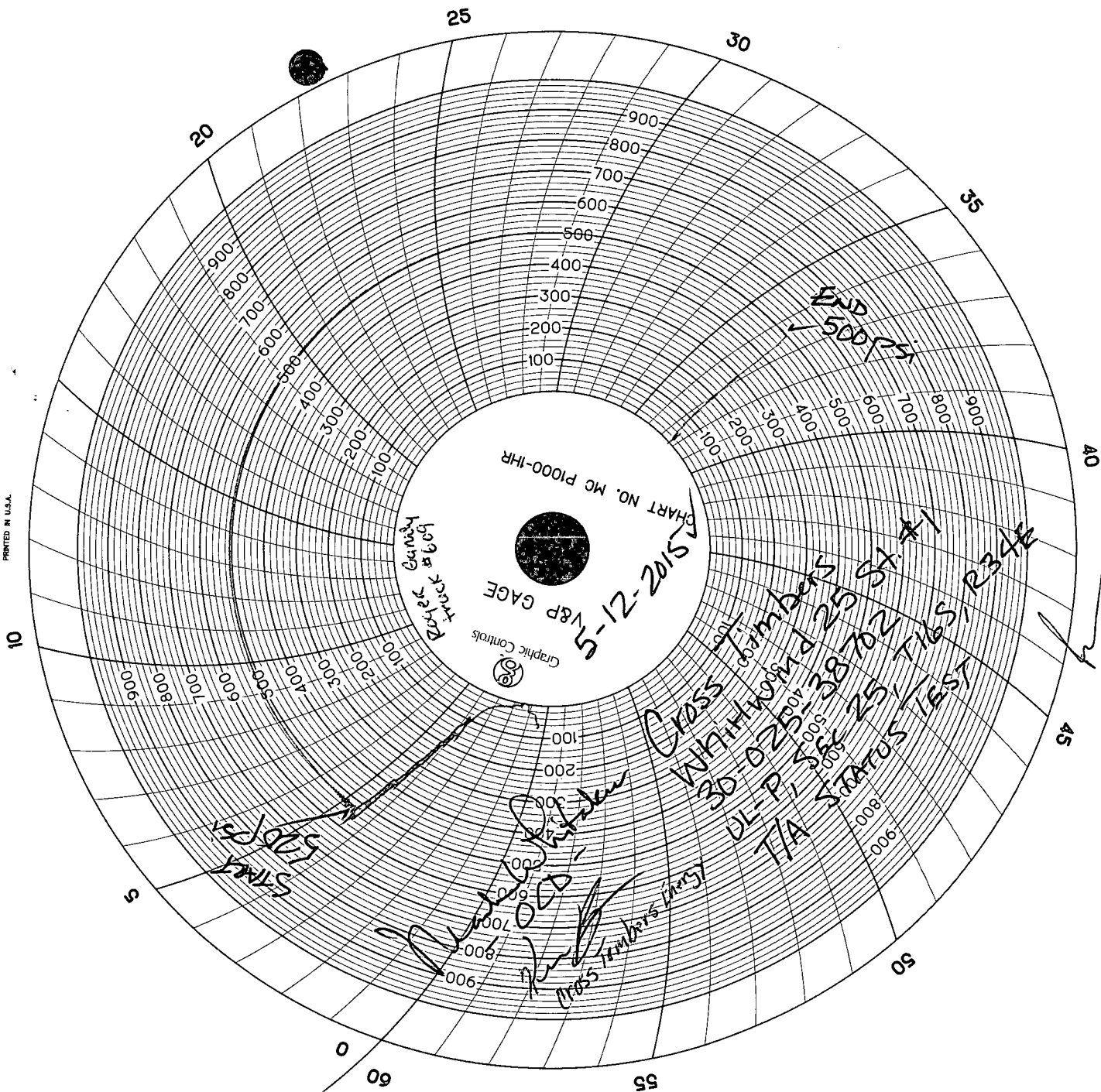


CHART NO. MC P1000-IHR
5-12-2015
V&P GAGE
Graphic Controls

Track 25 ft. x 1
White wood

Cross Timbers
White wood 25 ft. x 1
30-0231-38702
DL-P, 588 25 TIGS, R34E
TIA STATUS TEST

J. J. [illegible]
[illegible]
Cross Timbers [illegible]

START 500 PSI

END 500 PSI