

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

WELL API NO. 30-025-23100
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 312479
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT
8. Well Number 129
9. OGRID Number 298299
10. Pool name or Wildcat VACUUM; ABO, 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 ☐ Gas Well ☒ Other ☐ TAKE	
2. Name of Operator CROSS TIMBERS ENERGY, LLC	
3. Address of Operator 400 WEST 7th STREET, FORT WORTH, TX 76102	
4. Well Location Unit Letter B 860 feet from the N line and 1980 feet from the E line Section 23 Township 17S Range 34E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4039 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: ☐		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.

Temporarily Abandon:

1. Pull kill string
2. RIH with tbg OE, spot ^{25SX} 50' cement plug from 50-100' above top perf (8,393'-8,443') **WOL 4hrs or better**
3. Tag TOC, perform MIT
4. Circulate packer fluid - **NOTE: Perform MIT after packer fluid has been circulated**

See attached schematics.

Spud Date:

04/14/1969

Rig Release Date:

05/29/1969

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 12/08/2014

Type or print name

Robbie A Grigg

E-mail address: rgrigg@mspartners.com

PHONE: 817-334-7842

For State Use Only

APPROVED BY:

Mark Whitman

TITLE

Compliance Officer

DATE 12/18/2014

Conditions of Approval (if any):



CONDITION OF APPROVAL: Notify OCD DISTRICT OFFICE 24 HOURS prior to running the TA Pressure Test.

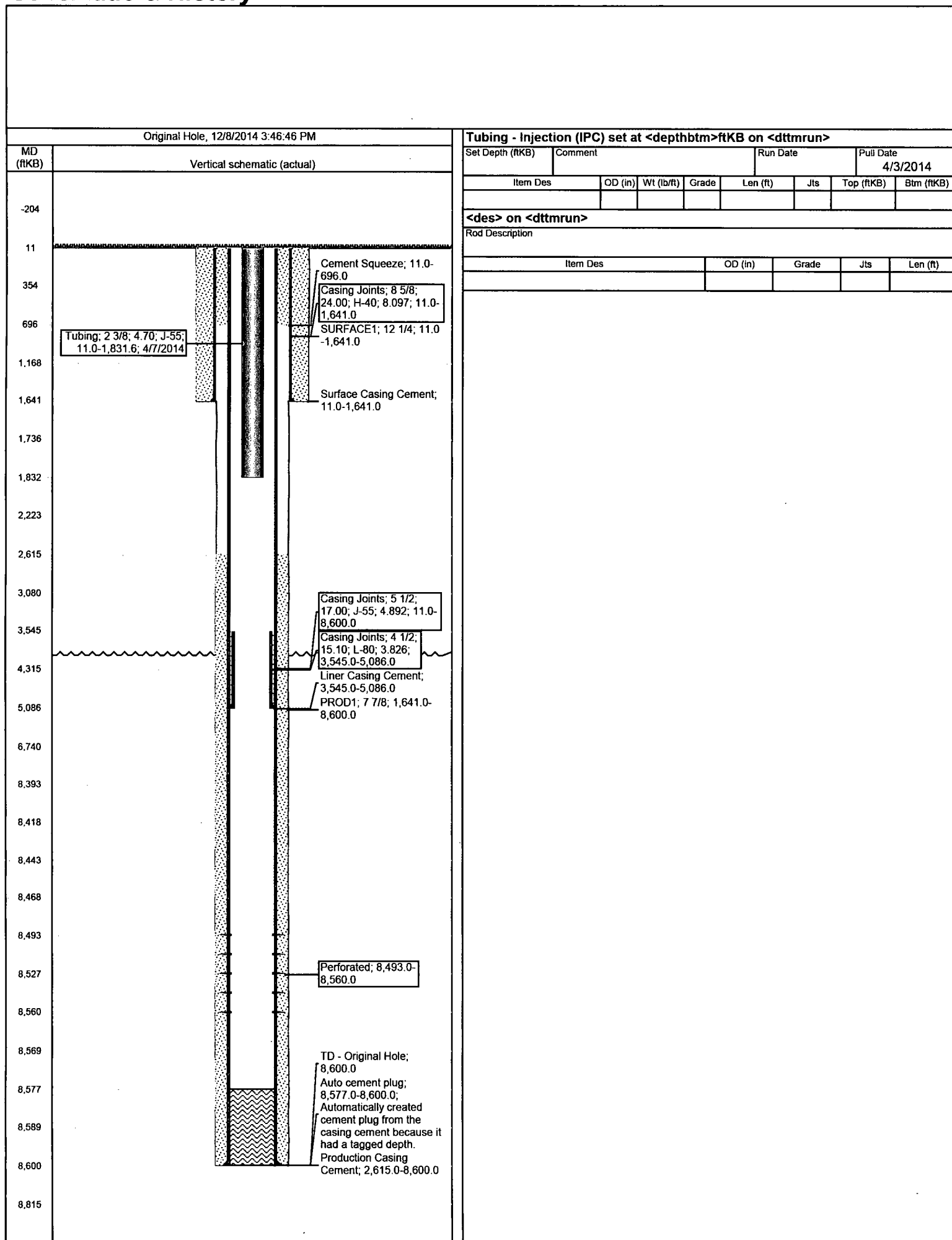
DEC 18 2014

Well Name NORTH VACUUM ABO UNIT 129		API/UWI 3002523100	County Lea			State/Province New Mexico		Field Name VACUUM N	
Location 860 FNL & 1980 FEL			Township 17S	Range 34E	Section 23	Latitude (°) 32° 56' 55.68" N		Longitude (°) 103° 31' 43.068" W	
Section	Survey				Block		Township		Abstract
Original KB Elevation (ft) 4,039.00		Ground/Corrected Ground Elevation (ft) 4,028.00		KB-Ground Distance (ft) 11.00		Spud Date			

Original Hole, 12/8/2014 3:46:46 PM	
MD (ftKB)	Vertical schematic (actual)
-204	
11	
354	Cement Squeeze; 11.0-696.0
696	Casing Joints; 8 5/8; 24.00; H-40; 8.097; 11.0-1,641.0
1,168	Tubing; 2 3/8; 4.70; J-55; 11.0-1,831.6; 4/7/2014
1,641	SURFACE1; 12 1/4; 11.0-1,641.0
1,736	Surface Casing Cement; 11.0-1,641.0
1,832	
2,223	
2,615	
3,080	Casing Joints; 5 1/2; 17.00; J-55; 4.892; 11.0-8,600.0
3,545	Casing Joints; 4 1/2; 15.10; L-80; 3.826; 3,545.0-5,086.0
4,315	Liner Casing Cement; 3,545.0-5,086.0
5,086	PROD1; 7 7/8; 1,641.0-8,600.0
6,740	
8,393	
8,418	
8,443	
8,468	
8,493	
8,527	Perforated; 8,493.0-8,560.0
8,560	
8,569	
8,577	TD - Original Hole; 8,600.0
8,589	Auto cement plug; 8,577.0-8,600.0; Automatically created cement plug from the casing cement because it had a tagged depth.
8,600	Production Casing Cement; 2,615.0-8,600.0
8,815	

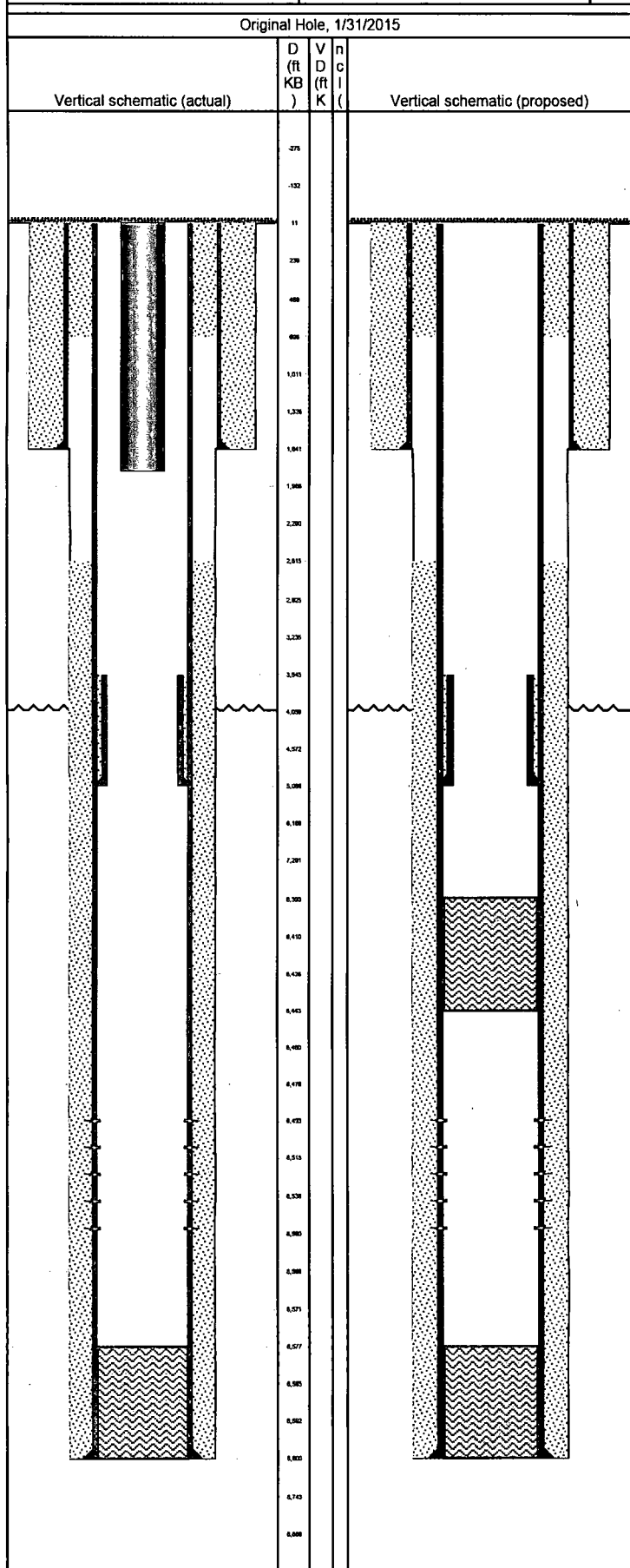
Jobs						
Type		Start Date		Summary		
Drilling Original & Initial Completion		4/14/1969		D&C Abo producer		
Open Additional Pay - OAP		12/4/1969		Add Abo perms, A., RTP, IP 27 BOPD, 4 BWPD.		
Repair Casing Failure		11/25/1974		Att. cmt sqz, install liner & cmt, RTP.		
Acidize		4/15/1981		A. Abo, RTP		
Convert To Injection		6/9/1986		LD rods, add Abo perms, install infl. pkr, A. Abo, start inj. 268 BWPD 1750# TP		
Repair Tbg/Pkr Failure		9/25/1989		Rplic inflatable pkr		
Repair Tbg/Pkr Failure		4/3/2014		LD tbg & pkr, redress pkr, SWI.		
Wellbore Sections						
Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	
SURFACE1	Original Hole	12 1/4	11.0	1,641.0		
Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	
PROD1	Original Hole	7 7/8	1,641.0	8,600.0		
Surface 1,641.0 ftKB <Run Date?>						
Comment						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
8 5/8	24.00	H-40	11.0	1,641.0	1,630.00	Casing Joints
Liner 5,086.0 ftKB <Run Date?>						
Comment						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	15.10	L-80	3,545.0	5,086.0	1,541.00	Casing Joints
Production 8,600.0 ftKB <Run Date?>						
Comment						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
5 1/2	17.00	J-55	11.0	8,600.0	8,589.00	Casing Joints
Cement Stages						
Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment		
Surface Casing Cement	11.0	1,641.0	Cement Returns	800 SX INCOR CMT w/8% GEL & 2%CaCl2 FOLLOWED BY 200 SX INCOR CMT w/2% CaCl2. CIRC CMT TO SURF		
Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment		
Production Casing Cement	2,615.0	8,600.0	Temperature Survey	1,500 SX TLW CMT & 200 SX INCOR NEAT CMT.		
Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment		
Cement Squeeze	11.0	696.0	Calculated	BH SQZ'd w/500 SX INCOR w/6% GEL & 100 SX INCOR NEAT CMT.		
Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment		
Liner Casing Cement	3,545.0	5,086.0	Cement Returns	40 SX CL "C" CMT.		
Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment		
Cement Plug	8,393.0	8,443.0	Calculated	Proposed: Spot 6 sx Class H neat cmt		
Perforations						
		Shot Dens (shot s/ft)				Calculated Shot Total
Top (ftKB)	Btm (ftKB)		Date	Zone		
8,493.0	8,560.0			ABO, Original Hole		1
Stim/Treat Stages						
Type		Start Date	Top (ftKB)	Btm (ftKB)	Com	
Other In Hole						
Des	Com			OD (in)	Run Date	Top (ftKB) Btm (ftKB)

Schematic & History



Proposed Schematic & Details

Well Name NORTH VACUUM ABO UNIT 129		API/UWI 3002523100		County Lea		State/Province New Mexico		Field Name VACUUM N	
Location 860 FNL & 1980 FEL				Township 17S	Range 34E	Section 23	Latitude (°) 32° 56' 55.68" N		Longitude (°) 103° 31' 43.068" W
Section		Survey		Block		Township		Abstract	
Original KB Elevation (ft) 4,039.00		Ground/Corrected Ground Elevation (ft) 4,028.00		KB-Ground Distance (ft) 11.00		Spud Date			



Jobs

Temporarily Abandon Well, <dtmstart>

Type Temporarily Abandon Well	Planned Start Date 1/31/2015	Objective TA wellbore for SA/GB recompletion.
----------------------------------	---------------------------------	--

Wellbore Sections

Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
-------------	---------------	-----------	----------------	----------------	------------

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment
Cement Plug	8,393.0	8,443.0	Calculated	Proposed: Spot 6 sx Class H neat cmt

Perforations

Top (ftKB)	Btm (ftKB)	Shot Dens (shot s/ft)	Date	Zone	Calculated Shot Total
------------	------------	-----------------------	------	------	-----------------------

Stim/Treat Stages

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

Other In Hole

Des	Com	OD (in)	Run Date	Top (ftKB)	Btm (ftKB)
-----	-----	---------	----------	------------	------------

<des> set at <depthbtm>ftKB on <dtmrun>

Set Depth (ftKB)	Comment	Run Date	Pull Date
------------------	---------	----------	-----------

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
----------	---------	------------	-------	----------	-----	------------	------------

<des> on <dtmrun>

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