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

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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

WELL API NO. 30-025-23696	
5. Indicate Type of Lease STATE [X] FEE [ ]	
6. State Oil & Gas Lease No. 312479	
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.)	7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT
1. Type of Well: Oil Well [X] Gas Well [ ] Other	8. Well Number 156
2. Name of Operator CROSS TIMBERS ENERGY, LLC	9. OGRID Number 298299
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102	10. Pool name or Wildcat VACUUM; ABO, NORTH
4. Well Location Unit Letter J : 1893 feet from the SOUTH line and 1800 feet from the EAST line Section 23 Township 17S Range 34E NMPM County LEA	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4025 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	[X]	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.

1. MIRU, POOH and scan tbg. LD Entire String and replace with used inspected 2-7/8" tbg.
2. MU AS1X Pkr and RIH hydro testing tbg
3. Set Pkr @ 8253' and test csg
4. Release OOT and Circulate Pkr Fluid
5. Run MIT witnessed by NMOCD
6. RWTI

Spud Date: 11/14/1997 Rig Release Date: 12/15/2017

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

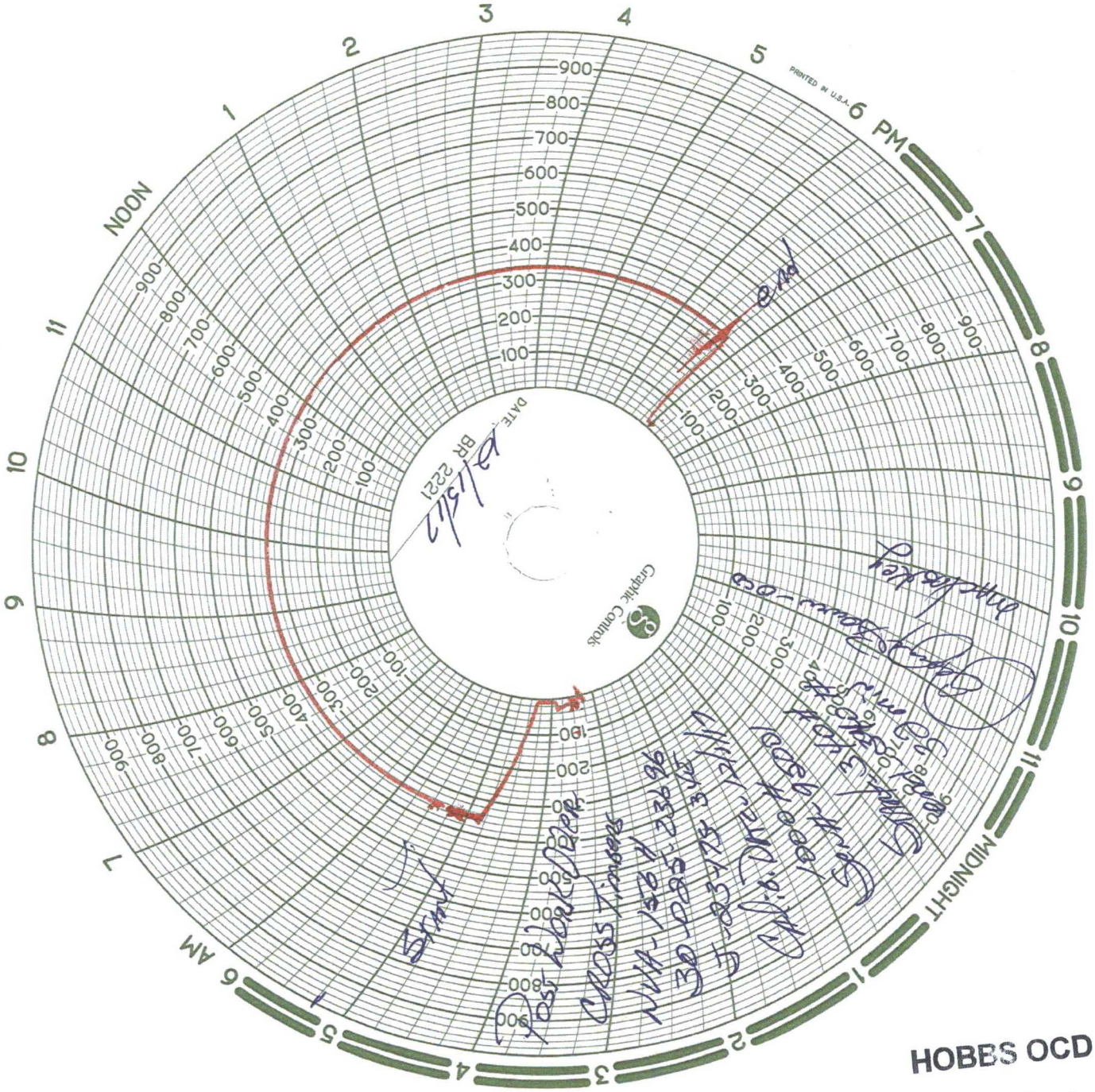
SIGNATURE Connie Blaylock TITLE REGULATORY TECH DATE 02/15/2018

Type or print name CONNIE BLAYLOCK E-mail address: cblaylock@mspartners.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: Maley Brown TITLE AO/II DATE 2/15/2018

Conditions of Approval (if any):



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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name	API Number
CROSS TIMBERS	30-025-23696
Property Name	**Well No.**
NVA	156

Surface Location

UL - Lot	Section	Township	Range		Feet from	N/S Line	Feet From	E/W Line	County
J	23	12S	34E		1893	S	1800	E	LEA

Well Status

TA'D WELL		SHUT-IN		INJECTOR		PRODUCER		DATE
YES	NO	YES	NO	INJ	SWD	OIL	GAS	12/15/17

OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	0	—	—	0	0
Flow Characteristics					CO2 ___ WTR ___ GAS ___ Type of Fluid Injected for Waterflood if applies.
Puff	Y / N	Y / N	Y / N	Y / N	
Steady Flow	Y / N	Y / N	Y / N	Y / N	
Surges	Y / N	Y / N	Y / N	Y / N	
Down to nothing	Y / N	Y / N	Y / N	Y / N	
Gas or Oil	Y / N	Y / N	Y / N	Y / N	
Water	Y / N	Y / N	Y / N	Y / N	

Remarks – Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Post Work Over - BHT

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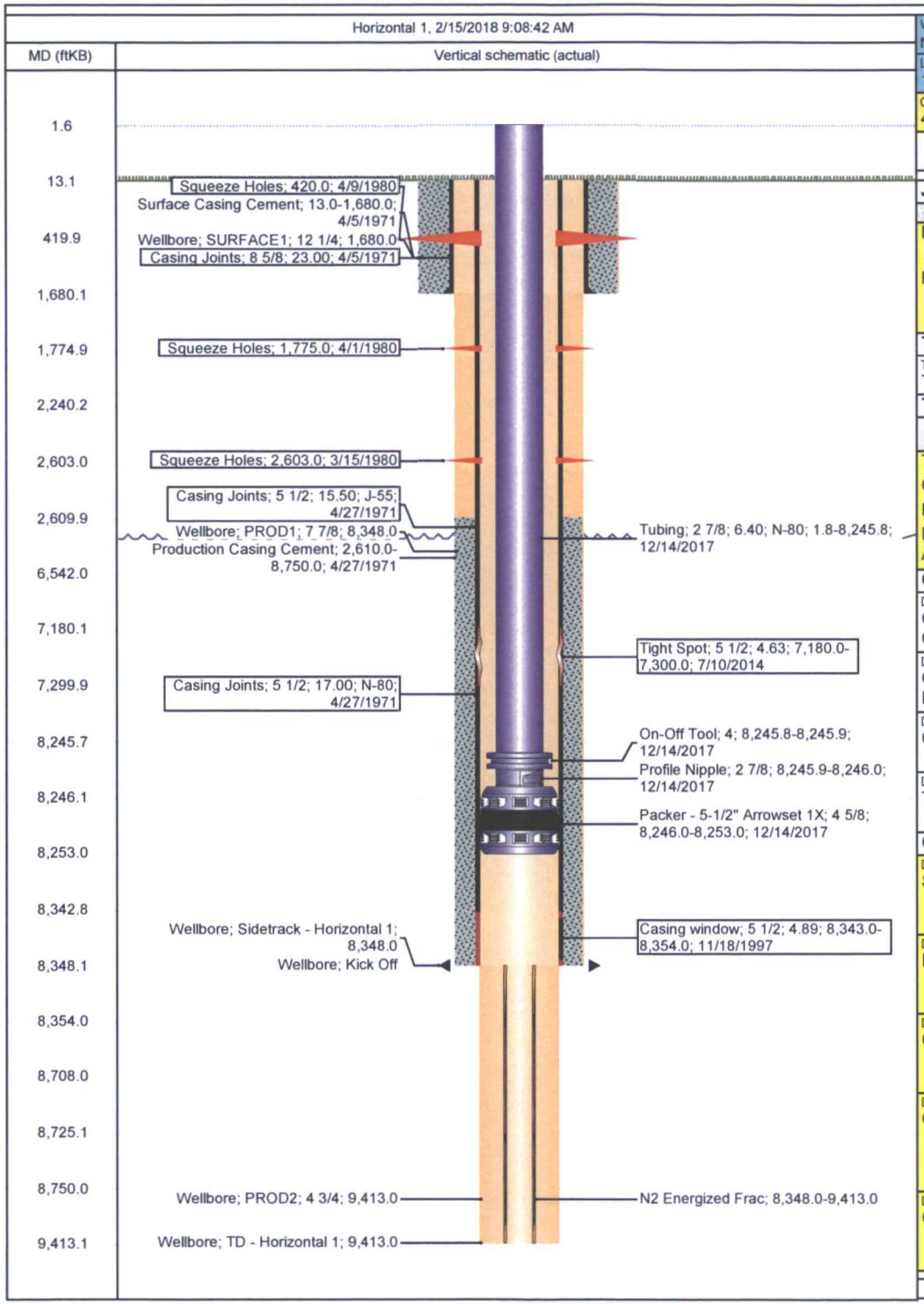
Signature:		OIL CONSERVATION DIVISION
Printed name:		Entered into RBDMS
Title:		Re-test
E-mail Address:		
Date: 12/15/17	Phone:	
	Witness:	

INSTRUCTIONS ON BACK OF THIS FORM



Well Name	API/UWI	County	State/Province	Field Name
NORTH VACUUM ABO UNIT 156	3002523696	Lea	New Mexico	VACUUM N

Location	Township	Range	Section	Latitude (°)	Longitude (°)
1893 FSL & 1800 FEL	17S	34E	23	32° 49' 6.81" N	103° 31' 42.879" W

Original KB Elevation (ft)	Gr Elev (ft)	KB-Ground Distance (ft)	Spud Date
4,037.00	4,024.00	13.00	

Jobs

Type	Start Date	Summary
Repair Injection Well Failure	7/8/2014	Hesitation Sqz Csg leak @ 420'. Held 500# 30' test.
Repair Tbg/Pkr Failure	12/12/2017	Scan and replace entire tbg string with 2-7/8" L-80. RIH, set AS1X Pkr @ 8253', circ pkr fluid, MIT witnessed by NMOCD.

Tubing Strings

Tubing Description	Run Date	Comment
Tubing - Water Injection	12/14/2017	

Tubing Components

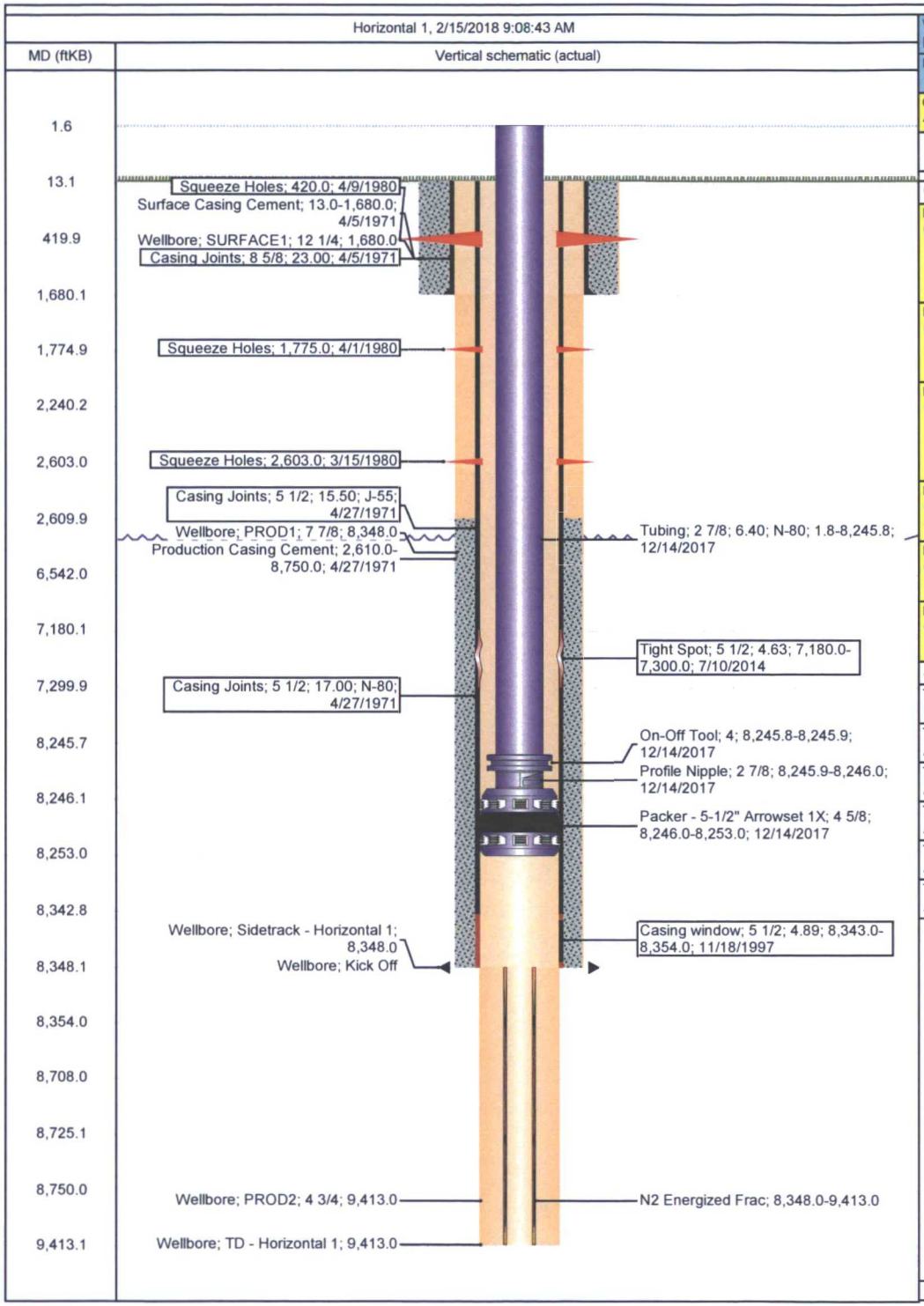
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Com
Tubing	2 7/8	6.40	N-80	259	8244	8246	
On-Off Tool	4			1	0.1	8246	
Profile Nipple	2 7/8			1	0.1	8246	
Packer - 5-1/2" Arrowset 1X	4 5/8			1	7	8253	

Other In Hole

Description	Top (ft...	Btm (ft...	OD (in)	ID (in)	Run Date	Comment
Guiberson Top Drill CIBP	8,370.0	8,373.0	4.892		11/15/1997	Leaked
Guiberson Alpha Top Drill CIBP	8,364.0	8,367.0	4.892		11/16/1997	
Casing window	8,343.0	8,354.0	5 1/2	4.89	11/18/1997	
Tight Spot	7,180.0	7,300.0	5 1/2	4.63	7/10/2014	

Cement Stages

Description	Start Date	Top (ftK...	Btm (ft...	Top Meas...	Comment
Surface Casing Cement	4/5/1971	13.0	1,680.0	Cement Returns	Lead: 800 sx Class H + 2% CaCl, 8% gel; Tail: 200 sx Class H + 2% CaCl, circ. cmt.
Production Casing Cement	4/27/1971	2,610.0	8,750.0	Temperature Survey	Lead: 2900 sx TLW + 1/4 pps flocele in first 1000 sx; Tail: 200 sx Class C neat, no cmt circ.
Cement Squeeze	3/16/1980	2,603.0	2,603.0	Temperature Survey	800 sx Class C + 2% CaCl, 1/4 pps FC
Cement Squeeze	3/22/1980	2,603.0	2,603.0	Temperature Survey	Lead: 1300 sx Class C + 2% CaCl; Tail: 200 sx Class C thickset. Max inj psi 700, did not circ.
Cement Squeeze	3/26/1980	2,240.0	2,240.0	Temperature Survey	2500 sx Class C + 3% CaCl, max psi 700, no cmt circ



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Original KB Elevation (ft)	Gr Elev (ft)	KB-Ground Distance (ft)	Spud Date
4,037.00	4,024.00	13.00	

Cement Stages

Description	Start Date	Top (ftK...	Btm (ft...	Top Meas...	Comment
Cement Squeeze	3/28/1980	2,240.0	2,240.0	Temperature Survey	2 stgs of 1000 gal Flocheck + 178 sx Thickset + 2% CaCl, max psi 2100, left 3 bbls cmt above perfs. Held 1400# after 19'
Cement Squeeze	3/31/1980	2,240.0	2,240.0	Temperature Survey	300 sx Class C thickset @ 1 BPM, 1500#, hesitate last 2 bbls, max psi 2400. WOC 36'
Cement Squeeze	4/2/1980	1,775.0	1,775.0	Cement Returns	300 sx Class C + 2% CaCl, circ 70 bbls slurry, close 8-5/8, psi to 1000#, would not sqz, leave 100# on 5-1/2.
Cement Squeeze	4/5/1980	1,775.0	1,775.0	Cement Returns	300 sx Thick-set + 2% CaCl, max psi 2300, SDOWE.
Cement Squeeze	4/9/1980	420.0	420.0	Cement Returns	100 sx Class C + 2% CaCl.
Cement Squeeze	4/12/1980	420.0	420.0	Cement Returns	85 sx CalSeal, 1/2 BPM @ 200#, max psi 2200.

Stimulations Summary

Type	Start Date	Min Top...	Max Btm...	Comment
N2 Energized Frac		8,348.0	9,413.0	
Acidizing		8,487.0	8,548.0	
Acidizing		8,487.0	8,548.0	
Acidizing		8,472.0	8,650.0	
Acidizing		8,487.0	8,548.0	
Acidizing		8,487.0	8,548.0	