

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. 30-025-38788 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTION <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC. ✓		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT ✓
4. Well Location Unit Letter: D 170 feet from NORTH line and 710 feet from the WEST line Section 1 Township 18S Range 34E NMPM County LEA ✓		8. Well Number 441 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
10. Pool name or Wildcat VACUUM ; GRAYBURG SAN ANDRES		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: MIT FAILURE REPAIR

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: REPAIR MIT FAILURE W/ CHART

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.

07/02/2014: NOTIFIED NMOC. RAN CHART. PRESS TO 580# FOR 30 MINS. (ORIGINAL CHART & COPY OF CHART ATTACHED).

RETURN TO INJECTION.

Spud Date:

Rig Release Date:

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

SIGNATURE

TITLE REGULATORY SPECIALIST

DATE 07/08/2014

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

TITLE

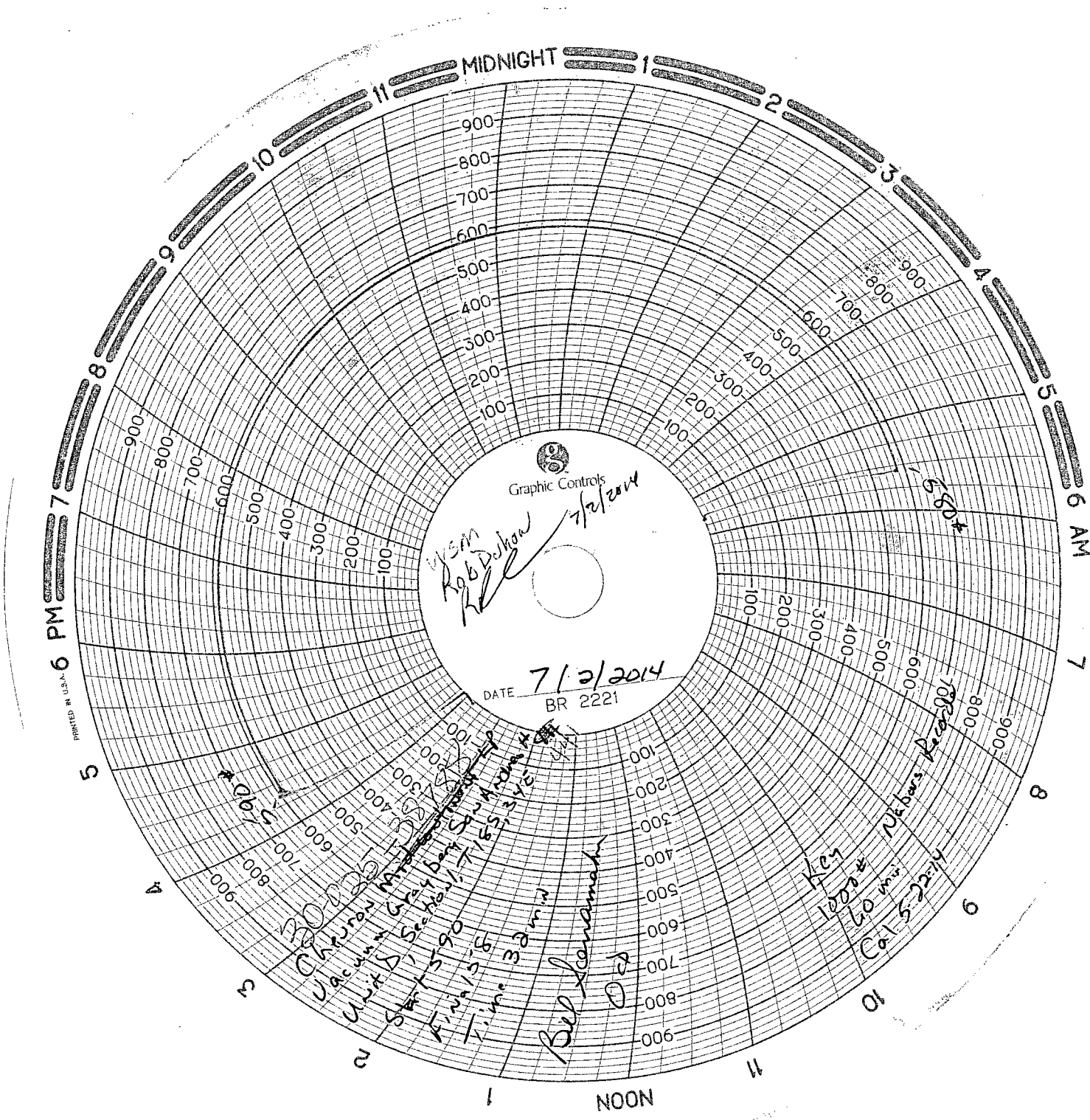
Dist. Supervisor

DATE

7/10/2014

Conditions of Approval (if any):

JUL 10 2014



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Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 6/24/2014

Job End Date: 7/2/2014

Well Name VACUUM GRAYBURG SA UNIT 441		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,002.00	Original RKB (ft) 4,024.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 6/24/2014

Com

After the 6 hr. flowback shut in pressure 650 psi

Report Start Date: 6/25/2014

Com

After the 12 hr. flowback shut in pressure 650 psi on tubing and 250 psi on CSG Recover 190 bbls of fluid. RD Flow equip

RD Flowline Equipment

Unit move to Well Site

Spot & RU Rev Equipment,
Spot & RU Pulling Unit, raise derrick & secure

Pumped Tub Capacity (16 bbl) 10# BW
well went on Vacuum

Loaded BS 10 bbl, 10# BW, pressure up to 500 psi, held for 5 mins, csg tst good

MIRU WL Unit
Test Lubercator to 1000 psi, Test Good

RIH w/ 1.5" Blanking Plug on WL
Tube Pressure @ 375-400 psi
Set Black Plug in profile at 4177' (plus 22'KB)

ROH WL
LD Lubercator
RD WL Unit

Test Production String to 1500 psi, Test Good

ND WellHead, visual inspection on donut noticed rubber seals worn & soft

NU BOP
Test Annular and Pipe Rams
250 psi - Test Good
500 psi - Test Good

Unlatch from on/off tool
Displace PKR fluid w/ 10# BW (66bbl)
Latch back on to on/off tool

SECURE WELL, SDFN,

CREW TRAVEL

WELL SECURE, NO OPS

Report Start Date: 6/26/2014

Com

Well SI no operations

Crew travel

SM JSA review

Unlatch prodTub from On/Off Tool

MIRU Scan Equipment
POOH and Scan 2 3/8" FL Production Tubing
RackBack yellow Band, LD all others

131 Jts total Scan
126 yellow
3 Blue
2 Green

RD Scan Equipment

Pressure Test Casing
500 psi, held for 10 mins, test Good

Load Pipe Racks and
Strap 2 3/8" 4.7# L80 8RD WS

TIH On/Off Tool and 4' Perforated Sub
with 2 3/8" WS
Latched up to Packer

MIRU WL Unit
Test Lubercator to 1000 psi, Test Good

RIH w/ Combo Pulling Tool on WL

Pierced Blanking Plug with Combo Tool at 4177' (plus 22'KB).
Equalized Formation, Tubing, and CSG pressure at 250 psi



Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 6/24/2014

Job End Date: 7/2/2014

Well Name VACUUM GRAYBURG SA UNIT 441		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,002.00	Original RKB (ft) 4,024.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

ROH WL w/Combo Tool and Blanking Plug
LD Lubercator
RD WL Unit

Displace full Column of Brine w/ fresh 10# BW 100 bbl.
Pumped @ 4 bpm
Circulating pressure 1500 psi

Spotted an additional 6 bbl below the PKR.
@ 2 bpm
Circulating pressures 200 psi

Shut in Tubing Pressure 100 psi

SECURE WELL, SDFN,

CREW TRAVEL

WELL SECURE, NO OPS

Report Start Date: 6/27/2014

Com

Well SI no operations

Crew travel

SM JSA review

Tubing @ 950 psi
CSG @ 350 psi

Vent gas 1 hour, pump tubing capacity, Kill Well.

Release 5-1/2 PKR
Break circ POOH.
LD PKR

PU 4 3/4" MTB TIH w/2 3/8" WS to 4199', pu & made up a bored for float sub w/ float installed and cont to clean out to 4908'.

Tag @ 4908 (10' of fill)
Bottom Pref @ 4852 (56' of rat hole)

TOH LD 22 jts
MTB at 4199' for Kill String, LD float sub

Discussed & Reviewed weekly drills

SECURE WELL, SDFN,

CREW TRAVEL

WELL SECURE, NO OPS

Report Start Date: 6/28/2014

Com

WELL SI, NO OPS

TUB @ 950 PSI, CSG @ 600 PSI, VENT GAS/FLUID FOR 1.5 HRS, RECOVERED 100 BBLS

CREW TRAVEL TO LOCATION @ 630AM

SM / JSA REVIEW

PUMPED 106 BBLS 10# BW DOWN BACKSIDE, KILLED WELL, WENT ON VACUUM AFTER 10 MINS.

TOH W/ 4-3/4 MTB ON 2-3/8 WS, LD MTB

PU & TIH W/ 5-1/2 INJ PKR, W/ PUMP OUT PLUG ON BOTTOM (SET @ 2400 PSI BURST) ON 2-3/8 WS TO 4200' AND LOAD TUB W/ 10# BW

SET PKR @ ~ 4211' W/ 20 PTS OVER, PRESS TEST PKR TO 550 PSI FOR 5 MIN, TST GOOD, NOTIFIED NMOC MAXIE BROWN FOR OFFICIAL TEST ON MONDAY JUNE 30TH

UNLATCH FROM ON / OFF TOOL, TOH & LD 2-3/8 WS, BREAK THE ON/OFF TOOL & LD

LOAD 2-3/8 FL INJ TUB ON RACK & TALLY, RU FIBERLINE TECH EQ ON RIG FLOOR

RIG CREW DRINK WATER & EAT LUNCH

PU & TIH WITH ON/OFF TOOL ON 2-3/8 4.7# J55 INJ TUB, W/ FL TECH CHECKING TUBING GOING IN WELL TO 3200'

KICKED OUT 26 JTS (YELLOW BAND) (BAD FIBERLINE)

SECURE WELL, SDFN

CREW TRAVEL

WELL SI, NO OPS

Report Start Date: 6/29/2014



Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 6/24/2014

Job End Date: 7/2/2014

Well Name VACUUM GRAYBURG SA UNIT 441		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,002.00	Original RKB (ft) 4,024.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com					
WELL SHUT IN, NO ACTIVITY.					
Report Start Date: 6/30/2014					
Com					
Well SI No Activity					
Crew travel					
SM JSA review					
Unscheduled Rig Maintenance					
Fuel Injector out, waiting on parts					
Secure well, SIFN					
Crew travel					
Well SI No Activity					
Report Start Date: 7/1/2014					
Com					
Well SI No Activity					
Crew travel					
SM JSA review					
TIH W/ 2-3/8 FL INJ TUB (132 jts total) W/ FL TECH, FROM 3200' TO PKR AT 4228'					
DISPLACE WELL VOL W/ 10# PKR FLUID 2 BPM FOR 45 MINS (110 BBL)					
LATCH UP TO INJ PKR TEST CGS 550 PSI FOR 15 MINS TEST GOOD					
TEST TUBING 1000 PSI FOR 5 MINS TEST GOOD					
RD RIG FLOOR					
ND BOPE					
WAITING ON VETCO GREY WH HAND					
LAND HANGER LD LANDING JT NU INJ TREE TO WH					
TEST VOID ON INJECTOR TREE TO 3000 PSI FOR 5 MINS, TEST GOOD PUMP OUT PLUG AT 2500 PSI, ALLOW WELL TO STABILIZE OVER NIGHT, SITP @ 100 PSI					
WAIT ON NM OCD					
Secure well, SIFN					
Crew travel					
Well SI No Activity					
Report Start Date: 7/2/2014					
Com					
Well SI No Activity					
Crew travel					
SM JSA review					
PRE MIT TO 550 PSI FOR 32 MINS, OPEN INTERMEDIATE VALVE PRESSURE DROPPED 60 PSI TEST NOT GOOD INJ RATE 7 BPM @ 100 PSI					
RETEST PRE MIT TO 550 PSI FOR 32 MINS. W/CLOSED INTERMEDIATE VALVE PRESSURE DROPPED 10 PSI TEST GOOD					
WAITING EQUIPMENT					
VETCO WELL HEAD SERVICE CONFIRMED 5 1/2" SEAL WAS GOOD CONFIRMED 5 1/2" CASING LANDED BELOW THE SPACER SPOOL CONFIRMED NO INTERMEDIATE CASING					
RD PULLING UNIT					



Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 6/24/2014

Job End Date: 7/2/2014

Well Name VACUUM GRAYBURG SA UNIT 441		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,002.00	Original RKB (ft) 4,024.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

PERFORM MIT W/ OCD WITNESS
MIT TO 590 PSI FOR 32 MINS.
DROPPED 10 PSI
TEST GOOD
TURNED IN ORIGINAL CHART TO VACUUM FMT, RIMY ALVARADO

CONT TO RD PULLING UNIT & REV EQ.

SECURE WELL

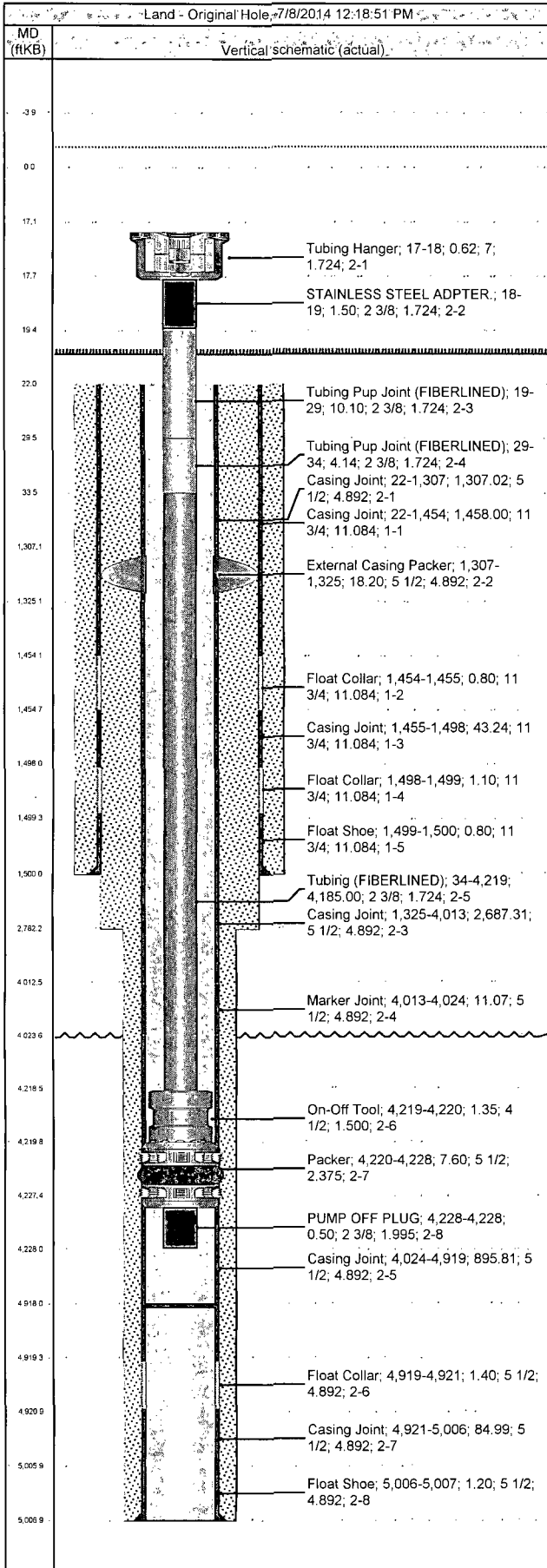
CREW TRAVEL

Release equipment
Final Report
Release Rig
Turn Well Site over to Production



Wellbore Schematic

Well Name VACUUM GRAYBURG SA UNIT 441	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
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Job Details						
Job Category		Start Date		Release Date		
Major Rig Work Over (MRWO)		6/24/2014		6/25/2014		
Major Rig Work Over (MRWO)		6/25/2014		7/2/2014		
Casing Strings						
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)	
Surface	11 3/4	42.00	H-40		1,500	
Production Casing	5 1/2	17.00	K-55		5,007	
Tubing Strings						
Tubing - Production set at 4,228.0ftKB on 7/1/2014 12:00						
Tubing Description		Run Date		String Length (ft)	Set Depth (MD) (ftKB)	
Tubing - Production		7/1/2014		4,210.81	4,228.0	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Tubing Hanger	1	7			0.62	17.8
STAINLESS STEEL ADPTER.	1	2 3/8	4.70		1.50	19.3
Tubing Pup Joint (FIBERLINED)	1	2 3/8	4.70	J-55	10.10	29.4
Tubing Pup Joint (FIBERLINED)	1	2 3/8	4.70	J-55	4.14	33.5
Tubing (FIBERLINED)	132	2 3/8	4.70	J-55	4,185.00	4,218.5
On-Off Tool	1	4 1/2			1.35	4,219.9
Packer	1	5 1/2			7.60	4,227.5
PUMP OFF PLUG	1	2 3/8			0.50	4,228.0

Other Strings			
Run Date	Pull Date	Set Depth (ftKB)	Com

4289' - 4852'

4228

61'