

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. 30-025-40994
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT
8. Well Number 247
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM GRAYBURG SAN ANDRES

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 INJECTOR

2. Name of Operator
CHEVRON U.S.A. INC.

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter: H 1800 feet from NORTH line and 145 feet from the EAST line

Section 2 Township 18S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4003' GR

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:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: NEW WELL COMPLETION

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.

PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 10/10/2013 THROUGH 10/22/2013.

10/22/2013: RAN CHART. PRESS TO 590 PSI FOR 30 MINUTES. (ORIGINAL CHART & COPY OF CHART ATTACHED)

12-18-2013: ON 24 HR OPT. INJECTING 611 BWPD @ 952 PSI

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

Denise Pinkerton

TITLE REGULATORY SPECIALIST

DATE 03/05/2014

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

Malay Brown

TITLE

Compliance Officer

DATE

4/11/2014

Conditions of Approval (if any):

WEX-915

APR 14 2014

PRINTED IN U.S.A. 6 PM

MIDNIGHT

HOBBS OGD

MAR 10 2013

RECEIVED



Graphic Controls

WELL NAME V G SAU #247

FLOW 50 L F 3011.COM

4918

DATE 10/22/2013

BR 2221

MT

Richard Decker

DATE 10/22/2013

WELL NAME V G SAU #247

SUPERVISOR A.S. #

FLOWER TYPE

FLOWER SETTING DEPT 4340

PERFORATIONS 4340

5904

5904

101

NOON

5 6 AM

7

8

9

2

3

4

5



Summary Report

Completion

Complete

Job Start Date: 10/10/2013

Job End Date: 10/22/2013

Well Name VACUUM GRAYBURG SA UNIT WI 247	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 10/9/2013

Com

INSTALLED FRAC VALVES. REMOVED BPV. TESTED CASING AND VALVES TO 4200 PSI. SECURED WELL AND SDFD.

Report Start Date: 10/10/2013

Com

PRE JOB JSA

MIRU HALLIBURTON E-LINE AND LUBRICATOR. P/U SINGLE RUN LOGGING TOOL W/ SPECTRAL GR, CBL, AND COMP NEUTRON COMBINATION. TESTED LUBRICATOR TO 250 LOW/ 1000 HIGH. TEST GOOD.

RIH LOGGING TOOL, TAGGED PBTD @ 5062'. PROCEEDED W/ REPEAT PASS TO 4000' AND 0#. PRESSURED UP TO 1000#. PROCEEDED W/ MAIN PASS. ALL LOGS RUN FROM PBTD TO SURFACE. RDMO HALLIBURTON WIRELINE.

SET IN ANCHORS AND TESTED. SET 2 ACID TANKS, 1 BW TANK, AND 1 ACID FLOWBACK TANK. SECURED WELL AND SDFD.

Report Start Date: 10/11/2013

Com

JSA'S FOR WIRELINE PERFORATING WORK, CRANE OPERATION.

MIRU GRAY WIRELINE AND LUBRICATOR. TESTED LUBRICATOR TO 250 LOW/ 1000 HIGH. TEST GOOD.

MADE 9 OF 13 RUNS, PERFORATED THE 5 1/2" CASING AS SPECIFIED USING 3 3/8", 35g, 0.41" EHD, 47.56" ATP GUNS W/ 2 SPF AT 120 DEGREE PHASING IN THE FOLLOWING ZONES:

4908' - 4918'
4886' - 4906'
4841' - 4881'
4836' - 4838'
4826' - 4833'
4818' - 4824'
4791' - 4814'
4744' - 4772'
4735' - 4737'
4711' - 4722'
4705' - 4708'
4684' - 4700'
4673' - 4678'
4666' - 4670'
4662' - 4664'
4659' - 4661'
4640' - 4645'
4616' - 4632'
4578' - 4614'
4566' - 4576'
4554' - 4557'
4522' - 4550'

NOTE: GRAY WIRELINE REQUIRED MORE TIME TO COMPLETE ASSEMBLY OF LAST 4 GUNS. WE SECURED WELL AND SDFD. WILL RESUME PERFORATING AT 4 AM.

NO MISFIRES, ALL SHOTS FIRED.

Report Start Date: 10/12/2013

Com

JSA'S FOR WIRELINE PERFORATING WORK, CRANE OPERATION, AND ACIDIZING.

P/U LUBRICATOR. TESTED LUBRICATOR TO 250 LOW/ 1000 HIGH. TEST GOOD.

CONTINUED TO PERFORATE, MADE LAST 4 RUNS, PERFORATED THE 5 1/2" CASING AS SPECIFIED USING 3 3/8", 35g, 0.41" EHD, 47.56" ATP GUNS W/ 2 SPF AT 120 DEGREE PHASING IN THE FOLLOWING ZONES:

4518' - 4520'
4514' - 4516'
4502' - 4511'
4490' - 4492'
4487' - 4489'
4420' - 4478'
4413' - 4416'
4398' - 4404'
4386' - 4390'
4370' - 4384'
4358' - 4370'
4344' - 4358'

NO MISFIRES, ALL SHOTS FIRED.



Summary Report

Completion
Complete

Job Start Date: 10/10/2013

Job End Date: 10/22/2013

Well Name VACUUM GRAYBURG SA UNIT WI 247		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

R/D LUBRICATOR. RDMO GRAY WIRELINE.

MIRU PETROPLEX., TESTED LINES. ACIDIZE PERFS WITH 20000 GALLONS 15% NEFE HCL AND 10000# RS IN 7 ACID STAGES, 6 - STAGES OF ROCK SALT. BREAK FORMATION W/ 4 BBLS IN @ 2353 PSI. START ACID AND PUMP 68 BBLS, MADE 1500 # DROP OF RS, GOT A 1000 PSI BREAK FROM 2500 PSI TO 3500 PSI. PUMPED 2 STAGE OF ACID (68 BBLS), AND DROP 1000# OF RS @ 10 BPM RATE, GOT ABOUT 150PSI BREAK FROM 2200 PSI TO 2300 PSI. PUMPED 3 STAGE OF ACID (68 BBLS), DROPPED 1500# OF RS, GOT A 180 PSI BREAK, FROM 2100 TO 2280 PSI. PUMPED 4 STAGE OF ACID (68 BBLS), DROPPED 1500# OF RS, NO BREAK. PUMPED 5 STAGE OF ACID (68 BBLS), DROPPED 2000# OF RS, GOT ABOUT A 100 PSI BREAK, PUMPED 6 STAGE OF ACID, DROPPED 2500# OF RS, GOT A 500 PSI BREAK FROM 2150 TO 2650 PSI. PUMPED LAST STAGE OF ACID (68 BBLS) @ 10 BPM @ 2280 PSI. FLUSHED W/ 220 BBLS OF FW FOLLOWED BY 100 BBLS OF BRINE. MAX PSI 3550 PSI, AVG PSI 2200. RATE 10 BPM. ISIP 1546 PSI, 5MIN - 839, 10MIN - 612 PSI, 15 MIN - 438 PSI. TOTAL BBLS PUMPED 955 BBLS.RD PETROPLEX

RU WIRELINE, RIH W/ GR AND JB, TAGGED FILL @ 4700'. BTM PERF @ 4918. PBTD @ 5060. NOTIFIED JAY STOCKTON, RECOMMENDED WE PUMP 100 BBLS OF FRESH WATER.

RU PUMP TRUCK, PUMPED 130 BBLS OF FW @ 3 BPM @ 700 PSI.

RIH W/ GR AND JB, TAGGED FILL @ 4700'. SAME SPOT. ROH W/ GR & JB.

RIH W/ 5.5" CBP, SET @ 4300, TOH W/ SETTING TOOLS. RD WIRELINE & CRANE, INSTALL B1 FLANGE W/ VALVE, SDFD. SECURED WELL.

Report Start Date: 10/14/2013

Crew travel to LOC

SM: tenet, operations plan and rig move checklist, HazID. Route hazards - line heights

Move rig from LDS 1 to VGSAU 247

RU rig and equipment

SWA was used, While rising the derrick the tubing boards became caught on the rigging arm of the winch line and dent the tubing board. Pusher called mechanic at yard and it was determined that the thing to do was take the rig back to the yard for repairs. spotted and RU all other equipment. Debrief crew made sure well is shut in.

Crew travel to yard

Report Start Date: 10/17/2013

ROAD RIG TO LOCATION

SAFETY MEETING REVIEW JSA

MIRU WO

MIRU CAT WALK LAY DOWN MACHINE. SET PIPE RACKS AND MI 170 JTS 2 3/8" L-80 W.S.

NIPPLE DOWN TOP FRAC VAVLE. INSTALL 5" BACK PRESSURE VAVLE. NIPPLE DOWN BOTTOM FRAC VAVLE.

NIPPLE UP BOP. PULL 5" BACK PRESSURE VAVLE

SHUT BLINDS AND TEST BOP & COMPOSIT PLUG SET @ 4300' TO 250 PSI FOR 5 MIN & 1000 PSI FOR 5 MIN

DRIVE HOME

Report Start Date: 10/18/2013

DRIVE TO LOCATION

SAFETY MEETING REVIEW JSA

NIPPLE UP INVIRO PAN RU FLOOR AND TOOLS

CALIPER AND INSPECT 2 3/8" ELAVATORS. PU 4 3/4" BIT, BIT SUB AND 61 JTS 2 3/8" L-80 W.S. @ 1921' SWI

LUNCH

PU 2 3/8" L-80 W.S. TO 4200'

TEST 2 3/8" PIPE RAMS 250/500 PSI FOR 5 MIN EACH

PU REMAINDER OF 2 3/8" W.S. TAG CBP @ 4298' W/ 133 JTS

CALIPER & INSPECT 2 7/8" ELEVATORS & SWIVEL BALE. MIRU POWER SWIVEL

DRILL OUT CBP @ 4300' LOST RETURNS TOOK 45 BBLS FRESH WATER TO GET RETURNS BACK CIRCULATE WELL CLEAN @ 4316' SWI

LAY DOWN POWER SWIVEL HANG TONGS.

DRIVE HOME

Report Start Date: 10/19/2013

DRIVE TO LOCATION

SAFETY MEETING REVIEW JSA

CALIPER & INSPECT 2 3/8" ELAVATORS, PU 2 3/8" W.S. TAG FILL @ 4915' W/ 20' IN ON JT# 152

CALIPER & INSPECT 2 7/8" ELAVATORS & POWER SWIVEL BALE. MIRU POWER SWIVEL

TOOK 80 BBLS WATER TO BREAK CIRCULATION. CLEAN OUT FROM 4915' TO 5080' W/ 70% RETURNS.

CIRCULATE WELL BORE CLEAN RECOVER SALT AND GUN TRASH



Summary Report

Completion
Complete

Job Start Date: 10/10/2013

Job End Date: 10/22/2013

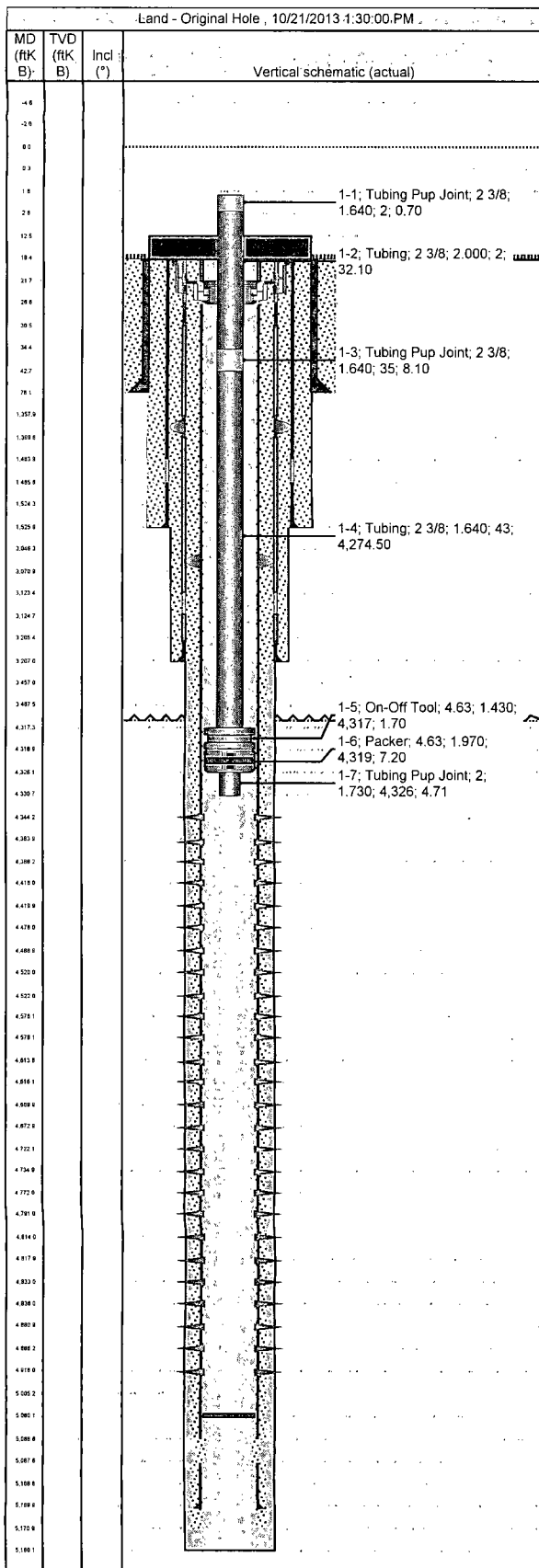
Well Name VACUUM GRAYBURG SA UNIT WI 247		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com					
RD POWER SWIVEL					
LAY DOWN 35 JTS 2 3/8" W.S.					
LUNCH					
LAY DOWN 2 3/8" W.S. LEAVE 1560' KILL STRING IN HOLE 48 JTS. SWI					
DRIVE HOME					
Report Start Date: 10/21/2013					
Com					
DRIVE TO LOCATION					
SAFETY MEETING REVIEW JSA					
CALIPER & INSPECT 2 3/8" ELEVATORS. SITP 50 PSI SICP 0 PSI. LAY DOWN REMAINDER OF 2 3/8" TUBING					
MOVE OUT 2 3/8" W.S. BRING IN 2 3/8" FIBER LINED TUBING					
WAIT ON TUBOSCOPE THREAD REP.					
MIRU TUBOSCOPE					
PU 5 1/2" A.S.1X PKR, ON/OFF TOOL W/ 1.43 ID "F" PROFILE NIPPLE IN PLACE AND 133 JTS 2 3/8" FIBERLINED INJECTION TUBING 1 X 8' 2 3/8" PUP 1 2 3/8" SLICK JT SET @ 4332.8'					
LOAD TUBING SWI					
DRIVE HOME					
Report Start Date: 10/22/2013					
Com					
DRIVE TO LOCATION					
SAFETY MEETING REVIEW JSA					
0 PSI CALIPER & INSPECT 2 3/8" ELAVATORS SET PKR @ 4332' W/ 14 PT COMPRESSION					
FILL HOLE AND TEST PKR T/ 550 PSI					
RELEASE ON/OFF TOOL AND PUMP PKR FLUID					
LATCH ON TO PKR. TUBING SET HIGH LAY DOWN 10.1' X 2 3/8" PUP JT AND PU 8.1' X 2 3/8" PUP JT. LATCH ONTO PKR W/ 4 PT COMPRESSION					
PRESSURE UP ON ANNULAR TO 550 PSI					
LUNCH					
NIPPLE DOWN BOP					
INSTALL TREE					
PUMP PUMP OUT PLUG @ 2400 ESTABLISH INJECTION RATE 3 BPM @ 500 PSI					
PREFORM MIT TEST W/ CHART HOLD 530 PSI FOR 30 MIN TEST GOOD					
RDMO					
DRIVE HOME					



Tubing Summary

Well Name VACUUM GRAYBURG SA UNIT WI 247	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,003.00	Original RKB Elevation (ft) 4,021.50	Current RKB Elevation 4,021.50, 7/23/2013	Mud Line Elevation (ft) 0.00	Water Depth (ft)
Current KB to Ground (ft) 18.50	Current KB to Mud Line (ft) 4,021.50	Current KB to Csg Flange (ft) 18.50	Current KB to Tubing Head (ft)	



Tubing Strings

Tubing Description Tubing		Planned Run? N		Set Depth (MD) (ftKB) 4,330.8		Set Depth (TVD) (ftKB) 4,299.9			
Run Date 10/21/2013		Run Job Complete, 10/10/2013 07:00		Pull Date		Pull Job			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btn (ftKB)
1	Tubing Pup Joint	2 3/8	1.640	4.70			0.70	1.8	2.5
1	Tubing	2 3/8	2.000	4.70	L-80		32.10	2.5	34.6
1	Tubing Pup Joint	2 3/8	1.640	4.70	L-80		8.10	34.6	42.7
133	Tubing	2 3/8	1.640	4.70	L-80		4,274.50	42.7	4,317.2
1	On-Off Tool	4.63	1.430		"F"		1.70	4,317.2	4,318.9
1	Packer	4.63	1.970				7.20	4,318.9	4,326.1
1	Tubing Pup Joint	2	1.730	4.70	N-80		4.71	4,326.1	4,330.8

Rod Strings

Rod Description	Planned Run?	Set Depth (ftKB)	Set Depth (TVD) (ftKB)
Run Date	Run Job	Pull Date	Pull Job

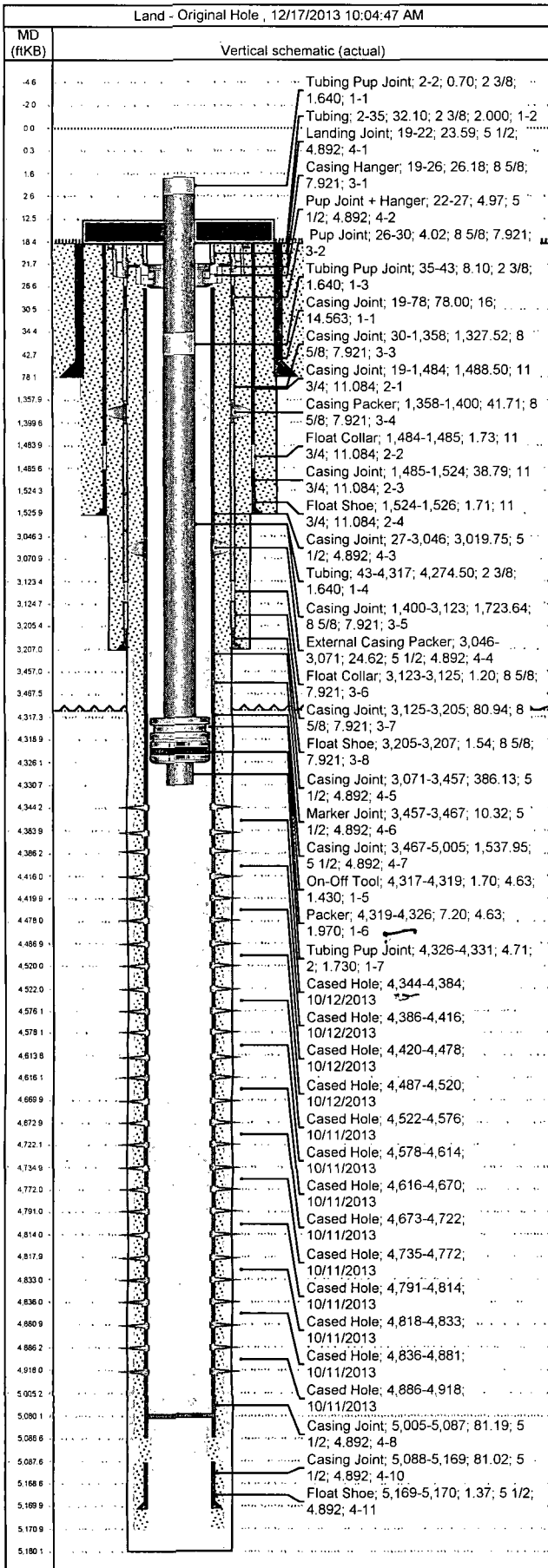
Rod Components

Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Blm (ftKB)



Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
VACUUM GRAYBURG SA UNIT WI 247	Vacuum Grayburg San Andres Unit	Vacuum	Mid-Continent



Job Details		
Job Category	Start Date	Release Date
Completion	10/9/2013	10/9/2013
Completion	10/10/2013	10/10/2013
Completion	10/11/2013	10/11/2013
Completion	10/12/2013	10/12/2013
Completion	10/14/2013	10/14/2013
Completion	10/17/2013	10/22/2013

Casing Strings					
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Conductor	16	118.00	J-55		78
Surface	11 3/4	42.00	H-40	ST&C	1,526
Intermediate Casing	8 5/8	32.00	J-55		3,207
Production Casing	5 1/2	17.00	J-55	ST&C	5,170

Tubing Strings						
Tubing set at 4,330.8ftKB on 10/21/2013 13:30						
Tubing Description		Run Date		String Length (ft)		Set Depth (MD) (ftKB)
Tubing		10/21/2013		4,329.01		4,330.8
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Tubing Pup Joint	1	2 3/8	4.70		0.70	2.5
Tubing	1	2 3/8	4.70	L-80	32.10	34.6
Tubing Pup Joint	1	2 3/8	4.70	L-80	8.10	42.7
Tubing	133	2 3/8	4.70	L-80	4,274.50	4,317.2
On-Off Tool	1	4.63		"F"	1.70	4,318.9
Packer	1	4.63			7.20	4,326.1
Tubing Pup Joint	1	2	4.70	N-80	4.71	4,330.8

Perforations					
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
10/12/2013	4,344.0	4,384.0	2.0	80	
10/12/2013	4,386.0	4,416.0	2.0	26	
10/12/2013	4,420.0	4,478.0	2.0	116	
10/12/2013	4,487.0	4,520.0	2.0	34	
10/11/2013	4,522.0	4,576.0	2.0	82	
10/11/2013	4,578.0	4,614.0	2.0	72	
10/11/2013	4,616.0	4,670.0	2.0	58	
10/11/2013	4,673.0	4,722.0	2.0	66	
10/11/2013	4,735.0	4,772.0	2.0	60	
10/11/2013	4,791.0	4,814.0	2.0	46	
10/11/2013	4,818.0	4,833.0	2.0	26	
10/11/2013	4,836.0	4,881.0	2.0	84	
10/11/2013	4,886.0	4,918.0	2.0	60	

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