

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. 30-025-21649
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> HOBBS OCD		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 GLORIETA WEST UNIT
4. Well Location Unit Letter: B 800 feet from NORTH line and 2310 feet from the EAST line Section 25 Township 17S Range 34E NMPM County LEA		8. Well Number 14
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM; GLORIETA

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: RETURN TO PRODUCTION

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.

07/12/2014: ON 24 HR OPT. PUMPING 1 OIL, 55 GAS, & 2184 WATER.

PLEASE FIND ATTACHED, THE WELLBORE SCHEMATIC & TUBING SUMMARY.

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 07/17/2014

Type or print name DENISE PINKERTON
For State Use Only

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

APPROVED BY:

[Signature]

TITLE Petroleum Engineer

DATE 08/05/14

Conditions of Approval (if any):

E-PERMITTING

P&A NR

P&A R

INT to P&A

CSNG

CHG Loc

TA

Ret Prod on

AUG 11 2014



Summary Report

Well Services
Tubing Repair
Job Start Date: 8/5/2013
Job End Date: 8/9/2013

Well Name VACUUM GLORIETA WEST UNIT 014H	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: 8/5/2013

Com

DAY 1 -- TGSM. ISSUE RU PTW. RU PULLING UNIT. REMOVE HH. LD POLISH ROD START POOH WITH RODS WHILE LAYING DOWN. ~~SD CREW HAD A SAFETY STAND DOWN WITH CREW FOR 4.5 HRS. RETURN TO WORK~~ POOH WITH 7/8 RODS. ~~SECURE WELL SDFN. PROJ OPS~~ - FINISH POOH WITH RODS AND PUMP. NUBOP. POOH WITH TBG.

Report Start Date: 8/6/2013

Com

DAY 2 -- ~~CREW GOT TO LOCATION 2 HRS LATE DUE TO CREW HAVING A MEETING WITH NABORS MANAGEMENT. OPERATOR CALLED IN AND HAD TO TAKE A HALF DAY FOR PERSONAL LEAVE. NABORS SENT OUT DERRICKMAN AS RELIEF OPERATOR. TGSM. FINISH POOH WHILE LAYING DOWN RODS. CHANGE OVER TOOLS. NDWH. NUBOP. POOH WHILE LAYING DOWN TBG STRING. LEAVE 20 STANDS IN HOLE AS KILL STRING. SECURE WELL SDFN. PROJ OPS~~ - WAIT FOR NEW TBG TO BE DELIVERED. PICK UP ESP EQUIPMENT. RIH WITH NEW TBG STRING.

Report Start Date: 8/7/2013

Com

DAY 3 -- TGSM. WAIT FOR NEW TBG TO GET TO LOCATION. WHEN TBG ARRIVE NOTICE WSM ORDERED INCORRECT TBG (ORDERED 2 3/8 NOT 2 7/8. CONTACT 1788 YARD. SEND TBG BACK TO EL FARMER TO SWAP OUT TO 2 7/8. SD AND WAIT 6 HRS AND TBG STILL DID NOT LOAD FROM EL FARMER. SD CREW AND SEND TO HOUSE. WSM WAIT ON LOCATION FOR TBG TO ARRIVE. TRUCKING COMPANY FINALLY CONTACTED WSM @ 3:00 NOTIFYING HE WAS HEADED OUT FROM MIDLAND. WAIT FOR TBG TO ARRIVE. UNLOAD TBG AND HAUL BACK OLD TBG. SDFN. PROJ OPS - PICK UP ESP EQUIPMENT AND RIH. TEST RUN WELL. RD PU.

Report Start Date: 8/8/2013

Com

DAY 4 -- ~~TGSM. PICK UP ESP AND START RIH WITH TBG WHILE PICKING UP TBG FROM RACK. RIH WITH ALL TBG. MAKE UP NEW HANGER. MAKE UP QCI CONNECTION. SET HANGER. MAKE UP WELLHEAD. SECURE WELL SDFN. PROJ OPS~~ - RD PU. MOVE TO VGWU 116 ONCE RIG ROUTETS SIGNED OFF.

Report Start Date: 8/9/2013

Com

DAY 5 -- TGSM. ISSUE RD PTW. RD PULLING UNIT MOVE TO VGWU 116.



Summary Report

Well Services

Well Conversion

Job Start Date: 6/26/2012

Job End Date: 9/11/2012

Well Name VACUUM GLORIETA WEST UNIT 014H		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: 6/26/2012

Com

~~WRITE AND REVIEW JSA'S, TENENT 6 AND RIG MOVE CHECKLIST, ROAD RIG TO LOCATION, RIG BROKE DOWN (BUSTED RADIATOR HOSE), THRU,~~
~~WRITE AND REVIEW JSA'S, PTW AND IHE, MIRU PU AND SURFACE EQUIP, WELL WAS ON A VAC, FUNCTION TEST BOP, NDWH, PU ON TBG TO SEE~~
~~IF TBG WAS FREE, NUBOP, SECURED WELL AND SDON.~~

Report Start Date: 6/27/2012

Com

~~WRITE AND REVIEW JSA'S, TENENT 7 AND DISCUSS HEAT EXHAUSTION INCIDENT AND SET UP EVERYONE ON LOCATION WITH (BUDDY~~
~~SYSTEM) PULLED 2 JTS, CUT AND BAND CABLE, PU PKR BETWEEN THE 2 JTS, SET PKR, TESTED BOP OK, PULLED AND LD PKR, RU CABLE~~
~~SPOOLER, POOH W/ 179 JTS, LD SUB PUMP EQUIP, RAN BACK IN HOLE W/ THE 179 JTS OPEN ENDED, SECURED WELL, SDON. PROJECTED~~
~~OPERATIONS: RU TUBOSCOPE, POOH WHILE SCANNING AND LAYING DOWN 2 7/8 J-55 PROD TBG, MOVE OFF PROD TBG, MOVE IN NEW L-80~~
~~AND PH 6 TBG, PU 4 3/4 MT BIT, BIT SUB, 1100' OF PH 6 TBG AND REST OF L-80 TBG. TAG CIBP, AND WORK BIT INTO WINDOW.~~

Report Start Date: 6/28/2012

Com

~~WRITE AND REVIEW JSA AND TENENT 8, 0 PRESURE ON WELL, RU TUBOSCOPE, POOH WHILE SCANNING AND LAYING DOWN J-55 PROD TBG,~~
~~MOVED OFF PROD TBG, MOVED IN 195 JTS OF NEW L-80 TBG AND 36 JTS OF 2 7/8 PH-6 TBG, PU 4 3/4 MT BIT, BIT SUB, 36 X 2 7/8 PH-6 JTS, AND~~
~~30 JTS OF 2 7/8 L80, SECURED WELL AND SDON. PROJECTED OPERATIONS: FIN PU L-80 TBG, TAG CIBP AND WORK BIT INTO WINDOW, IF~~
~~POSSIBLE C/O LATERAL.~~

Report Start Date: 6/29/2012

Com

~~WRITE AND REVIEW JSA AND TENENT 9, 0 PRESS ON WELL, FINISHED PU 2 7/8 L-80 TBG TOTAL OF 150 JTS, TAGGED CIBP @ 5899, WORKED BIT~~
~~IN TO WINDOW, RAN DOWN AND TAGGED SOLID @ 6044, RIGGED UP POWER SWIVEL, TRIED TO BREAK CIR, PUMPED 500 BFW, UNABLE TO GET~~
~~CIR, TRIED TO DRILL TROUGH TIGHT SPOT WHILE PUMPING FLUID, AND BIT STARTED TORQUEING UP AND JUMPING, UNABLE TO MAKE ANY~~
~~HOLE, RD POWER SWIVEL, PULLED BIT UP TO 5942', SECURED WELL AND SHUT DOWN FOR THE WEEKEND.~~

Report Start Date: 7/2/2012

Com

~~WRITE AND REVIEW JSA AND TENENT 2, 0 PRESS ON WELL, RIH TO 6044', RU POWER SWIVEL, AND FOAM AIR UNIT, BROKE CIR, DRILLED ON~~
~~TIGHT SPOT FOR 1 HR, GOT THROUGH TIGHT SPOT @ 6044 AND C/O LATERAL TO 6165', CIR HOLE CLEAN, KILLED TBG, RD POWER SWIVEL,~~
~~PULLED BIT UP TO 5942', SECURED WELL, SDON. PROJECTED OPERATIONS: RU POWER SWIVEL AND FOAM UNIT, CONT. C/O LATERAL.~~

Report Start Date: 7/3/2012

Com

~~WRITE AND REVIEW JSA'S AND TENENT 3, RU POWER SWIVEL AND FOAM AIR UNIT, ESTABLISH CIR, KARL ADMINISTERED STOP WORK~~
~~AUTHORITY AND SHUT DOWN JOB DUE TO NO MOC FOR FOAM AIR UNIT, GOT NOTIFICATION FROM KARL 4:40 PM TO PROCEED WITH C/O ON~~
~~THURSDAY MORNING (MOC HAS BEEN APPROVED), PROJECTED OPERATIONS: RU POWER SWIVEL AND FOAM UNIT, CONT. C/O LATERAL.~~

Report Start Date: 7/5/2012

Com

~~WRITE AND REVIEW JSA AND TENENT 6, BLEED WELL, RAN DOWN TO 6165', RU POWER SWIVEL AND FOAM UNIT, BREAK CIR., C/O LATERAL~~
~~FROM 6165' DOWN TO 6910', CIR HOLE CLEAN, RD POWER SWIVEL AND FOAM UNIT, POOH TO EOT @ 5625', SECURED WELL, SDON. PROJECTED~~
~~OPERATIONS: BLEED WELL, POOH W TBG, LD PH 6 PIPE, AND BIT, PU HALLIBURTON SWELL PKR ASSEMBLY, RIH W/ TBG TO PKR DEPTH @~~
~~5910', MI RU WIRELINE, TO RUN A GR CCL LOG TO CORRELATE PKR SETTING DEPTH, RDWL, SPACE OUT TBG.~~

Report Start Date: 7/6/2012

Com

~~WRITE AND REVIEW JSA AND TENENT 6, BLEED WELL, FIN POOH W/ L-80 TBG WHILE STANDING TBG IN DERRICK, LD 36 JTS OF PH-6 TBG AND~~
~~BIT, PU SWELL PKR ASSEMBLY, RIH W/ TBG TO CSG WINDOW, TRIED TO WORK PKR IN WINDOW, UNABLE TO GET IN TO WINDOW, POOH, W/ TBG~~
~~AND PKR, TOOK OFF BENT SUB AND BENT IT SOME MORE, RIH W/ TBG AND PKR, WORKED PKR IN TO WINDOW, RU BLACK WARRIOR WL, TO~~
~~RUN A GR CCL LOG TO CORRELATE TBG, AND SET DOWN @ 5860, FLUSHED TBG W/ 60 BFW, STILL UNABLE TO GO PAST 5860, RDWL, AND~~
~~LANDED PKR BY TBG MEASUREMENT (TOP OF PKR @ 5910' BTM OF PKR @ 5927'), SECURED WELL AND SD FOR THE WEEKEND. PROJECTED~~
~~OPERATIONS: BLEED WELL, NUBOP, INSTALL B-1 FLANGE, RD, CLEAN LOC AND MOVE OFF. WAIT 1 MONTH FOR PKR TO SWELL.~~

Report Start Date: 9/5/2012

Com

~~WRITE AND REVIEW RIG MOVE CHECKLIST, ROAD RIG TO LOC, WRITE AND REVIEW JSA'S, IHE, PTW, MI SPOT AND RU PU AND REST OF SURF~~
~~EQUIP, BLEED WELL, NDWH, NUBOP, CWI AND SDON.~~

Report Start Date: 9/6/2012

Com

~~WRITE AND REVIEW JSA'S AND TENENT 6, BLEED WELL, RELEASED FROM ON/OFF TOOL, POOH W/ TBG, TOOK OFF J-SLOTS FROM ON/OFF~~
~~TOOL, AND REDRESSED IT WITH NEW SEALS, PU 4 - 2 7/8 JTS OF TK-15 RYT WRAPPED TBG, AND A 5 1/2 N.P VERSASET 2, PKR, RIH W/ TBG,~~
~~PUMP PKR FLUID, ENGAGED ON TO SWELL PKR AND SET 2nd PKR @ 5755', RELEASED FROM ON/OFF TOOL, POOH LEAVING A KILLSTRING,~~
~~SDON.~~



Summary Report

Well Services
Well Conversion
Job Start Date: 6/26/2012
Job End Date: 9/11/2012

Well Name VACUUM GLORIETA WEST UNIT 014H		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: 9/7/2012

Com

~~WRITE AND REVIEW JSA AND TENENT # 7,~~ BLEED WELL, POOH W/ KILLSTRING, PU NEW BHA, RIH W 2 7/8 L-80 PRODUCTION TBG, NDBOP, SET TAC, FLANGED WELL UP, NUWH, MOVED IN AND SPOTTED NEW STRING OF RODS, SECURED WELL AND SD FOR THE WEEKEND.

Report Start Date: 9/10/2012

Com

~~WRITE AND REVIEW JSA AND TENENT 10,~~ BLEED WELL, PREP TO PU AND RUN RODS, PU NEW PUMP, SINKER BARS AND ALL NEW N-90 RODS, SPACED OUT RODS, LOAD AND TEST TBG TO 600# OK, CHECKED PUMP ACTION GOOD, ~~WHILE HANGING WELL, NOTICED PUMPING UNIT HORSES HEAD AND BEAM WAS TWISTING EVERY TIME WE WOULD SET THE WEIGHT OF THE RODS ON THE BRIDLE, CALLED LUFKIN SERVICES, AND THEY WILL BE ON LOCATION IN AM TO ADJUST PUMPING UNIT, SDON.~~

Report Start Date: 9/11/2012

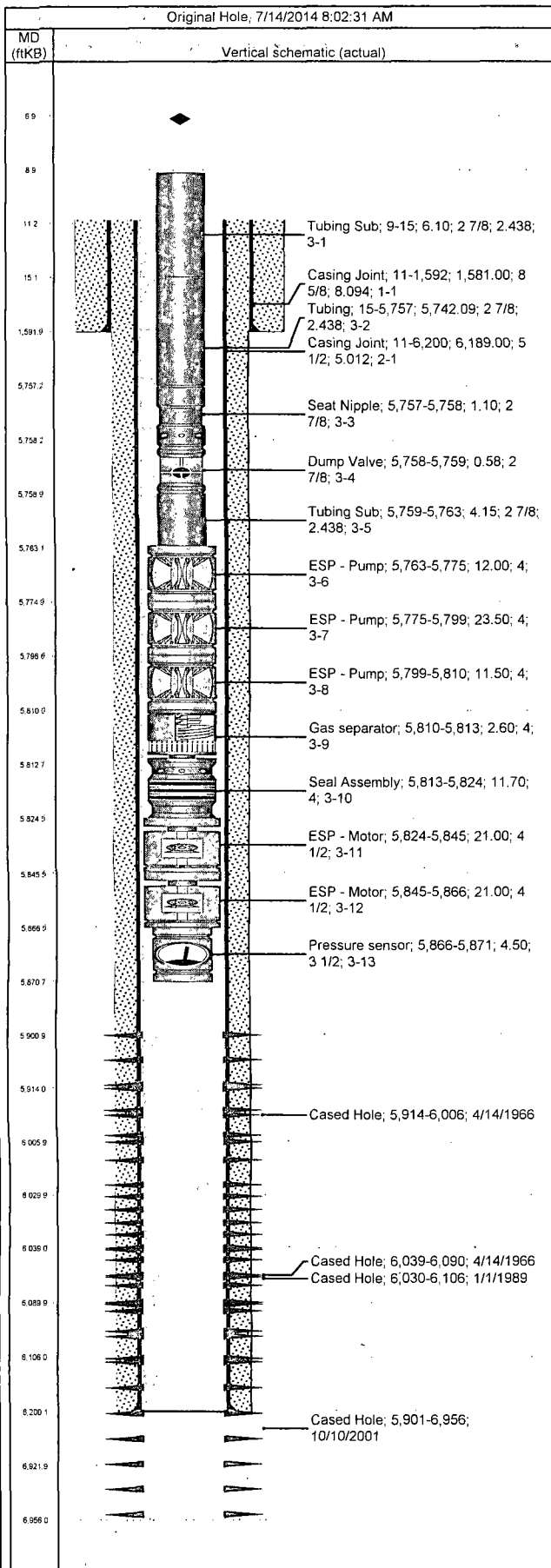
Com

~~WRITE AND REVIEW JSA'S, PTW-AND-TENENT 1,~~ HAD LUFKIN SERVICES ADJUST PUMPING UNIT, HUNG WELL ON, RD PU, CLEANED LOC, AND MOVED TO NEXT WELL IN QUEUE



Wellbore Schematic

Well Name VACUUM GLORIETA WEST UNIT 014H	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	
Well Services			10/11/2013		10/14/2013	
Casing Strings						
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)	
Surface	8 5/8	24.00	J-55		1,592	
Production Casing	5 1/2	14.00	J-55		6,200	
Tubing Strings						
1 - Production Tubing set at 5,870.8ftKB on 10/4/2010 12:00						
Tubing Description		Run Date		String Length (ft)	Set Depth (MD) (ftKB)	
1 - Production Tubing		10/4/2010		5,861.82	5,870.8	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Tubing Sub	1	2 7/8	6.50	J-55	6.10	15.1
Tubing	179	2 7/8	6.50	J-55	5,742.09	5,757.2
Seat Nipple	1	2 7/8			1.10	5,758.3
Dump Valve	1	2 7/8			0.58	5,758.9
Tubing Sub	1	2 7/8	6.50	J-55	4.15	5,763.0
ESP - Pump	1	4			12.00	5,775.0
ESP - Pump	1	4			23.50	5,798.5
ESP - Pump	1	4			11.50	5,810.0
Gas separator	1	4			2.60	5,812.6
Seal Assembly	1	4			11.70	5,824.3
ESP - Motor	1	4 1/2			21.00	5,845.3
ESP - Motor	1	4 1/2			21.00	5,866.3
Pressure sensor	1	3 1/2			4.50	5,870.8

Perforations					
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
10/10/2001	5,901.0	6,956.0			
4/14/1966	5,914.0	6,006.0			
1/1/1989	6,030.0	6,106.0			
4/14/1966	6,039.0	6,090.0			

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

TRD 6200

B-25
17S 34E
800 N 2310 E

will test?



Tubing Summary

Well Name VACUUM GLORIETA WEST UNIT 014H	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,998.00	Original RKB Elevation (ft) 3,991.00	Current RKB Elevation 4,009.00, 4/9/2014	Mud Line Elevation (ft) Water Depth (ft)
Current KB to Ground (ft) 11.00	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)

Original Hole, 10/4/2010 12:00:00 PM			
MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
6.6	5,901.4	0.0	
8.8	5,903.8	0.0	
11.2	5,906.1	0.0	
15.1	5,910.2	0.0	
1,561.8	7,486.6	0.3	
5,797.2	11,852.8	0.4	
9,754.2	11,853.8	0.4	
9,758.8	11,853.8	0.4	
9,763.1	11,867.9	0.4	
9,774.4	11,888.7	0.4	
9,788.8	11,892.3	0.4	
9,818.0	11,704.9	0.4	
9,832.7	11,703.4	0.4	
9,824.5	11,718.2	0.3	
9,845.5	11,748.2	0.3	
9,866.5	11,761.2	0.3	
9,879.7	11,746.6	0.2	
9,900.9	11,734.3	11.3	
9,914.0	11,896.7	16.3	
9,938.9	11,890.8	60.2	
9,929.9	11,884.4	71.0	
9,958.0	11,892.3	74.5	
9,989.9	11,880.9	85.4	
9,988.0	11,861.9	88.1	
9,988.1	11,863.9	88.8	
9,921.9	11,878.5	90.7	
9,956.0	11,876.1	90.7	

Tubing Strings									
Tubing Description 1 - Production Tubing		Planned Run? N		Set Depth (MD) (ftKB) 5,870.8		Set Depth (TVD) (ftKB)			
Run Date 10/4/2010		Run Job Return to Production, 10/2/2010 10:00		Pull Date		Pull Job			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing Sub	2 7/8	2.438	6.50	J-55		6.10	9.0	15.1
179	Tubing	2 7/8	2.438	6.50	J-55		5,742.0 9	15.1	5,757.2
1	Seat Nipple	2 7/8					1.10	5,757.2	5,758.3
1	Dump Valve	2 7/8					0.58	5,758.3	5,758.9
1	Tubing Sub	2 7/8	2.438	6.50	J-55		4.15	5,758.9	5,763.0
1	ESP - Pump	4					12.00	5,763.0	5,775.0
1	ESP - Pump	4					23.50	5,775.0	5,798.5
1	ESP - Pump	4					11.50	5,798.5	5,810.0
1	Gas separator	4					2.60	5,810.0	5,812.6
1	Seal Assembly	4					11.70	5,812.6	5,824.3
1	ESP - Motor	4 1/2					21.00	5,824.3	5,845.3
1	ESP - Motor	4 1/2					21.00	5,845.3	5,866.3
1	Pressure sensor	3 1/2					4.50	5,866.3	5,870.8

Rod Strings			
Rod Description Long Rod		Planned Run? N	Set Depth (ftKB) 5,747.0
Run Date 10/24/2005		Run Job	Set Depth (TVD) (ftKB)
		Pull Date 8/10/2008	Pull Job Water Shut-off, 8/25/2005 00:00

Rod Components							
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)
1		1 1/2			26.00	0.0	26.0
4	PONY ROD	3/4			20.00	26.0	46.0
219	ROD	3/4			5,475.00	46.0	5,521.0
8	SINKER BAR	1 1/2			200.00	5,521.0	5,721.0
1	PONY ROD	7/8			2.00	5,721.0	5,723.0
1	PUMP BARREL	1 1/2			24.00	5,723.0	5,747.0

Rod Description Short Rod		Planned Run? N	Set Depth (ftKB) 5,763.0
Run Date 8/14/2008		Run Job	Set Depth (TVD) (ftKB)
		Pull Date 8/14/2008	Pull Job Water Shut-off, 8/5/2008 00:00

Rod Components							
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)
1	POLISHED ROD	1.66			26.00	0.0	26.0
99	OTHER RODS D-90	7/8			2,475.00	26.0	2,501.0
119	OTHER RODS D-90	3/4			2,975.00	2,501.0	5,476.0
10	SINKER BAR	1 1/2			250.00	5,476.0	5,726.0
1	PONY ROD	7/8			1.00	5,726.0	5,727.0
1	ROD PUMP	2 1/16			24.00	5,727.0	5,751.0
1	OTHER GAS ANCHOR	1 1/2			12.00	5,751.0	5,763.0



Tubing Summary

Well Name VACUUM GLORIETA WEST UNIT 014H	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,998.00	Original RKB Elevation (ft) 3,991.00	Current RKB Elevation 4,009.00, 4/9/2014	Mud Line Elevation (ft)	Water Depth (ft)
Current KB to Ground (ft) 11.00	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)	

Original Hole, 10/4/2010 12:00:00 PM

MD (ftK B)	TVD (ftK B)	Incl (°)	Vertical schematic (actual)
6.9	5.961.6	0.0	
8.8	5.959.9	0.0	
11.2	5.956.1	0.0	
15.1	5.910.0	0.0	
1,581.8	7,488.8	0.3	
5,757.2	11,862.0	0.4	
5,758.2	11,853.0	0.4	
5,758.8	11,853.8	0.4	
5,763.1	11,857.9	0.4	
5,774.8	11,868.7	0.4	
5,786.6	11,883.3	0.4	
5,818.9	11,754.9	0.4	
5,812.7	11,757.4	0.4	
5,824.5	11,719.2	0.3	
5,843.5	11,740.2	0.3	
5,866.5	11,781.2	0.3	
5,879.7	11,785.5	0.2	
5,902.9	11,754.3	11.3	
5,914.8	11,806.7	16.3	
6,095.6	11,880.5	60.2	
6,029.6	11,989.4	71.0	
6,036.6	11,882.3	74.5	
6,069.6	11,903.6	85.4	
6,186.6	11,951.6	88.1	
6,206.1	11,983.9	88.6	
6,921.8	11,918.5	90.7	
6,856.6	11,878.1	90.7	