

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 August 1, 2011

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. 30-025-20754 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input 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 GLORIETA WEST UNIT ✓
4. Well Location Unit Letter: C 330 feet from the NORTH line and 1571 feet from the WEST line Section 6 Township 18S Range 35E NMPM County LEA ✓		8. Well Number 117 ✓
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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 12/29/2013 THROUGH 01/11/2014 ON THE SUBJECT WELL. THE FOLLOWING TEST IS A BOTTLE TEST - RUNNING 100% AT A 89% PUMP FILLAGE. REGULAR TEST CANNOT BE OBTAINED DUE TO FACILITY ISSUES.

THIS WELL WAS TEMPORARILY ABANDONED, AND IS NOW RETURNED TO PRODUCTION.

09/15/2014: BOTTLE TEST. 1 OIL, 0 GAS, & 143 WATER.

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: 09/23/2014

Type or print name: DENISE PINKERTON

E-mail Address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

TITLE

Petroleum Engineer

DATE

09/24/14

Conditions of Approval (if any):

SEP 25 2014



Summary Report

Major Rig Work Over (MRWO)

Return to Production

Job Start Date: 12/29/2013

Job End Date: 1/11/2014

Well Name VACUUM GLORIETA WEST UNIT 117	Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,979.00	Original RKB (ft) 3,990.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 12/29/2013

Com

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 12/30/2013

Com

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 12/31/2013

Com

CHECK WELL PRESSURE AND MOVE ON TO LOCATION 1/2/14.

Report Start Date: 1/1/2014

Com

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 1/2/2014

Com

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION

PRE-TOUR SAFETY MTG - REVIEW JSAs, TENET #2, HAZARD WHEEL, E-COLORS, MYSPACE 360, CALIPER ELEVATORS.

MOVE TO VGWU #117

CHK WELL PRESSURE = 0

SET UP REV. UNIT/TANKS/PUMP/PULLING UNIT/LAYDOWN MACHINE.

SAFETY STAND DWN - DISCUSSED FOCUS ON JOB AND USING THE PROPER EQUIPMENT.

CREW LUNCH AND JSA REVIEW OF OPERATIONS PLANNED FOR AFTERNOON.

N/D WELLHEAD AND SWAP OUT CSG VALVES F/3K TO 5K.

N/U 7-1/16" 5K BOP W/2-3/8" PIPE RAMS OVER BLINDS AND 7-1/16" ANNULAR

LOAD WELL W/ 84 BBLS 10# BRINE

P/U 4-1/2" PACKER AND 1JT NEW 2-3/8" J-55 PROD TBG RIH AND TEST BOPE 250 PSI LOW/500 PSI HIGH - TEST GOOD

TIH W/BHA AND 2-3/8" J-55 NEW PROD TBG T/4022'.

DETAILS:

121 JTS 2-3/8" J-55 EUE 8RND - 3845.27'

1-9/16"X3-1/8" TOP SUB - 1.29'

(6) 1-1/2" X 3-1/8" DRILL COLLARS - 29.83'

(5) 1-1/2" X 3-1/8" DRILL COLLARS - 30.29'

(4) 1-1/2" X 3-1/8" DRILL COLLARS - 30.24'

(3) 1-1/2" X 3-1/8" DRILL COLLARS - 30.33'

(2) 1-1/2" X 3-1/8" DRILL COLLARS - 30.36'

(1) 1-1/2" X 3-1/8" DRILL COLLARS - 29.79'

1-7/16" X 3-1/8" BIT SUB - 2.0'

3-3/4" MILL TOOTH BIT - 3.0'

BHA #1 - 184.43'

TTL - 4029.70'

SECURE WELL, SHUT DWN, SHUT IN.

CREW TRAVEL.

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 1/3/2014

Com

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION

REVIEW JSAs, TENET #3, HAZARD WHEEL, E-COLORS, MYSPACE 360, CALIPER ELEVATORS FOR 2-3/8" TBG.

CHECK WELL = 0# PSI.

CONT. P/U AND RIH W/ NEW 2-3/8" J-55 TBG AND 3-3/4" MTB. ENCOUNTERED CEMENT @5196'.

HELD JSA AND P/U PWR SWIVEL

BEGIN ROTATING AND CIRCULATING TO CLN OUT F/5196' -

2.5 BPM W/9.6# CUT BRINE

450# PSI ON PUMP

1250 TORQUE / SO SET @ 1500

5 - 6 PTS ON BIT

ROTATE / MOVE PIPE AND CIRCULATE AFTER EACH JT.

CONT. OPERATIONS THRU LUNCH.

STEADY CEMENT IN RETURNS.

CLEANED OUT T/5422' W/ 165 JTS AND BHA. STILL ENCOUNTERING CMT IN RTNS.

CIRCULATE CLN / L/D PWR SWVL AND 10 JTS OF 2-3/8" TBG T/5139' ABOVE CMT. CONTINUOUS CMT IN RTNS. SHUT DWN AND SHUT WELL IN.

CREW TRAVEL FROM LOCATION.



Summary Report

Major Rig Work Over (MRWO)
Return to Production
Job Start Date: 12/29/2013
Job End Date: 1/11/2014

Well Name	VACUUM GLORIETA WEST UNIT 117	Lease	Vacuum Glorieta West Unit	Field Name	Vacuum	Business Unit	Mid-Continent
Ground Elevation (ft)	3,979.00	Original RKB (ft)	3,990.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com
WELL SHUT IN, NO ACTIVITY.
Report Start Date: 1/4/2014
Com
WELL SHUT IN, NO ACTIVITY.
CREW TRAVEL TO LOCATION.
REVIEW JSAs, TENET #4, HAZARD WHEEL, E-COLORS, MYSPACE 360 AND SAFETY TALK, CALIPER ELEVATORS..
CHECK WELL PRESSURE = 0# PSI.
P/U 10 JTS OF 2-3/8" 4.7# J-55 EUE 8RND TBG RIH T/5422' - 165 JTS & 3-3/4" MTB BHA.
P/U PWR SWIVEL, BEGIN ROTATE & CIRCULATE.
BEGIN CLNOUT @ 5422'
TORQUE - 1250 / SO 1500
9.6# CUT BRINE
DECREASE BPM F/ 2.5 BPM 500# PDI T/1.5 BPM 250# PSI
90 RPM
5 - 6 PTS
CLNOUT CMT T/5549', FELL THRU T/5820' ENCOUNTERED BRIDGE OF ROCK/DEBRIS W/SOME OIL CLNOUT APPRX. 5' T/5554'
DID NOT FEEL 1ST CIBP, POSSIBLY IT WAS PUSHED DWN TO TOP OF 2ND.
FELL THRU AND TAGGED UP @ 5840', CAST IRON SHAVINGS IN RTNS. CIRCULATE CLEAN.
CIRCULATED 9.6# BRINE OUT AND LOADED WELL W/10# BRINE.
L/D 1 JT OF 2-3/8" TBG, L/D PWR SWVL.
POOH RACK BACK 10 STNDS T/5139'
156 JTS & BHA IN WELL FOR KILL STRING.
SHUT DOWN AND SHUT IN.
CREW TRAVEL FROM LOCATION.
WELL SHUT IN NO ACTIVITY.
Report Start Date: 1/5/2014
Com
WELL SHUT IN, NO ACTIVITY.
Report Start Date: 1/6/2014
Com
WELL SHUT IN, NO ACTIVITY.
CREW TRAVEL TO LOCATION.
PTSM - REVIEW JSAs, TENET #6, HAZARD WHEEL, E-COLORS, MYSPACE 360, CALIPER ELEVATORS.
CHECK WELL = 0# PSI, OPEN WELL.
RIH W/20 JTS 2-3/8" J-55 TBG T/5830'. PRESSURE TST CSG TO 500# PSI, TEST GOOD.
P/U PWR SWVL AND 1 JT 2-3/8" TBG TO TAG CIBP AT 5840'
CONT. TO DRILL/CLNOUT F/5840' DRLD 1 CIBP AND PUSHED THRU T/6064' W/186 JTS 2-3/8" TBG AND 3-3/4" MTB.
PER REV OP - BELIEVES THERE WAS ONLY 1 CIBP IN WELL.
CIRCULATE HOLE CLEAN W/140 BBLS 10# BRINE.
R/D PWR SWVL.
POOH, STAND BACK 184 JTS OF TBG, L/D
3-1/8" DCs AND 3-3/4" MTB.
BIT SHOWED APPRX. 70% WEAR.
RIH W/KILL STRING OF 48 JTS 2-3/8" TBG OPEN ENDED T/1512'
SECURE WELL, SHUT DWN AND SHUT IN.
CREW TRAVEL FROM LOCATION
WELL SHUT IN, NO ACTIVITY.
Report Start Date: 1/7/2014
Com
WELL SHUT IN, NO ACTIVITY.
CREW TRAVEL TO LOCATION
REVIEWED JSAs FOR PLANNED OPS, TENET #7: WE ALWAYS COMPLY WITH ALL APPLICABLE RULES & REGULATIONS - ENSURE THROUGH ADHERANCE TO PROPER PERMITTING, TESTING AND CERTIFICATIONS AS RELATED TO GOVERNMENTAL & EPA REGULATIONS
HAZARD WHEEL: MOTION - RIH W/ TBG NEED TO BE AWARE OF MOVING PIPE & HAND PLACEMENT, TEMPERATURE - WE NEED TO BE DRESSED APPROPRIATELY FOR WEATHER LIMITING EXPOSURE TO SUN OR COLD, BE CAREFUL AROUND MACHINERY THAT RADIATES HEAT. E-COLORS, MYSPACE 360, CALIPER ELEVATORS.
TOH W/ KS
MU 4.5" TREATING PKR & TIH
SET PKR @ 5,848' & PT TO 500PSI, PT GOOD, BLED OFF PSI
RU PETROPLEX ON LOCATION



Summary Report

Major Rig Work Over (MRWO)
Return to Production
Job Start Date: 12/29/2013
Job End Date: 1/11/2014

Well Name VACUUM GLORIETA WEST UNIT 117	Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,979.00	Original RKB (ft) 3,990.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com

PJSM FOR ACID JOB WITH CREW, PUMPED ACID JOB AS FOLLOWS
PT LINES TO 4,800PSI
POP-OFF SET @ 4,800PSI, KO ON PUMPS SET TO 4,500PSI
APPLIED 400PSI TO BACKSIDE
LOADED HOLE W/ 9.8BBLS BRINE
1ST STAGE 28BBLS 15% HCL @ 2,150-2,300PSI
1ST BLOCK 10BBLS W/1,000LBS GRS + 25BBLS BRINE AS SPACER, 300PSI GAIN
2ND STAGE 28BBLS 15% HCL @ 2,600-2,700PSI
2ND BLOCK 10BBLS W/1,500LBS GRS + 25BBLS BRINE AS SPACER, 300PSI GAIN
3RD STAGE 28BBLS 15% HCL @ 3,000-3,200PSI
FLUSHED W/ 100BBLS FW AS PER PROCEDURE
ENTIRE JOB PUMP RATE 5BPM
I-1,612PSI
5MIN-1,211PSI
10MIN-1,104PSI
15MIN-1,026PSI
SHUT IN WELL

RD PETROPLEX

HELD AAR (AFTER ACTION REVIEW) W/ RIG CREW OVER TRIPPING PIPE & ACID JOB, BOTH JOBS HAD NO FINDINGS

FLOW BACK WELL 1HR AFTER ACID JOB, RECOVERED 60BBLS TOTAL, PUMPED BRINE IN SURFACE LINES & 2BBLs DOWN TBG TO PREVENT FREEZING, SECURED WELL & SDFN

CREW TRAVEL FROM LOCATION

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 1/8/2014

Com

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION

REVIEWED JSAs FOR PLANNED OPS, TENET #8: WE ALWAYS ADDRESS ALL ABNORMAL CONDITIONS - ENSURE THOROUGH ADHERANCE TO ALL CHEVRON GUIDELINES WITH PROPER PLANNING & STOP THE JOB
HAZARD WHEEL- TEMPERATURE - WE NEED TO BE DRESSED APPROPRIATELY FOR WEATHER LIMITING EXPOSURE TO SUN OR COLD, BE CAREFUL AROUND MACHINERY THAT RADIATES HEAT. E-COLORS, MYSpace 360, CALIPER ELEVATORS.

CHECK WELL 0PSI, RU & SWAB BACK LOAD FROM ACID JOB AS PER PROCEDURE, MADE 22 RUNS W/ SWAB, FLUID LEVEL STARTED @ 1,200' & ENDED @ 1,600', RECOVERED 120BBLS (180BBLS TOTAL), LD LUBRICATOR SECURED WELL & SDFN

CREW TRAVEL FROM LOCATION

WELL SHUT IN, NO ACTIVITY

Report Start Date: 1/9/2014

Com

WELL SHUT IN NO ACTIVITY

CREW TRAVEL TO LOCATION

REVIEWED JSAs FOR PLANNED OPS, TENET #9: WE ALWAYS FOLLOW WRITTEN PROCEDURE FOR HIGH RISK OR UNUSUAL SITUATIONS - ENSURE THOROUGH ADHERANCE TO ALL CHEVRON GUIDELINES WITH PROPER PLANNING & STOP THE JOB
HAZARD WHEEL- TEMPERATURE - WE NEED TO BE DRESSED APPROPRIATELY FOR WEATHER LIMITING EXPOSURE TO SUN OR COLD, BE CAREFUL AROUND MACHINERY THAT RADIATES HEAT. E-COLORS, MYSpace 360, CALIPER ELEVATORS.

UNSET PKR & TOH, LD PKR @ SURFACE

MU NOTCHED COLLAR & TIH, TAGGED SALT BELOW PERFS @ 6,045' (PBTD @ 6,060'),

TOH W/ CO ASSY

MU PROD ASSY & TIH, TAC SET & UNSET ON ITS OWN @ 1,850', UNABLE TO GET IT TO RESET

TOH & CHECK TAC, TAC LOOKES NOMAL BUT WILL REPLACE IN MORNING

TIH W/ KS, SECURE WELL & SDFN

CREW TRAVEL FROM LOCATION

WELL SHUT IN NO ACTIVITY

Report Start Date: 1/10/2014

Com

NO ACTIVITY

TRAVEL TO LOCATION

JSA REVIEW TRIPPING TBG, RUN PROD TBG AND RODS

JSA
- POH WITH KILL STRING, 46 JTS 2.375

JSA
- MU PROD BHA AND RIH ON 2.375 TBG



Summary Report

Major Rig Work Over (MRWO)

Return to Production

Job Start Date: 12/29/2013

Job End Date: 1/11/2014

Well Name VACUUM GLORIETA WEST UNIT 117		Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,979.00	Original RKB (ft) 3,990.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

JSA

- RD RIG FLOOR AND BOP STACK
- SET TAC, 31" @ 18K OVER STRING WEIGHT
- NU B1 ADAPTER AND ROD HANDLING EQUIPMENT

JSA

- RIH WITH PROD RODS
- SPACE OUT PUMP AND P/T 500 PSI (TEST GOOD), ROD STROKED PUMP TO 500 PSI (TEST GOOD)

TRAVEL FROM LOCATION

NO ACTIVITY

Report Start Date: 1/11/2014

Com

NO ACTIVITY

TRAVEL TO LOCATION

JSA REVIEW RD SERVICE UNIT AND EQUIPMENT

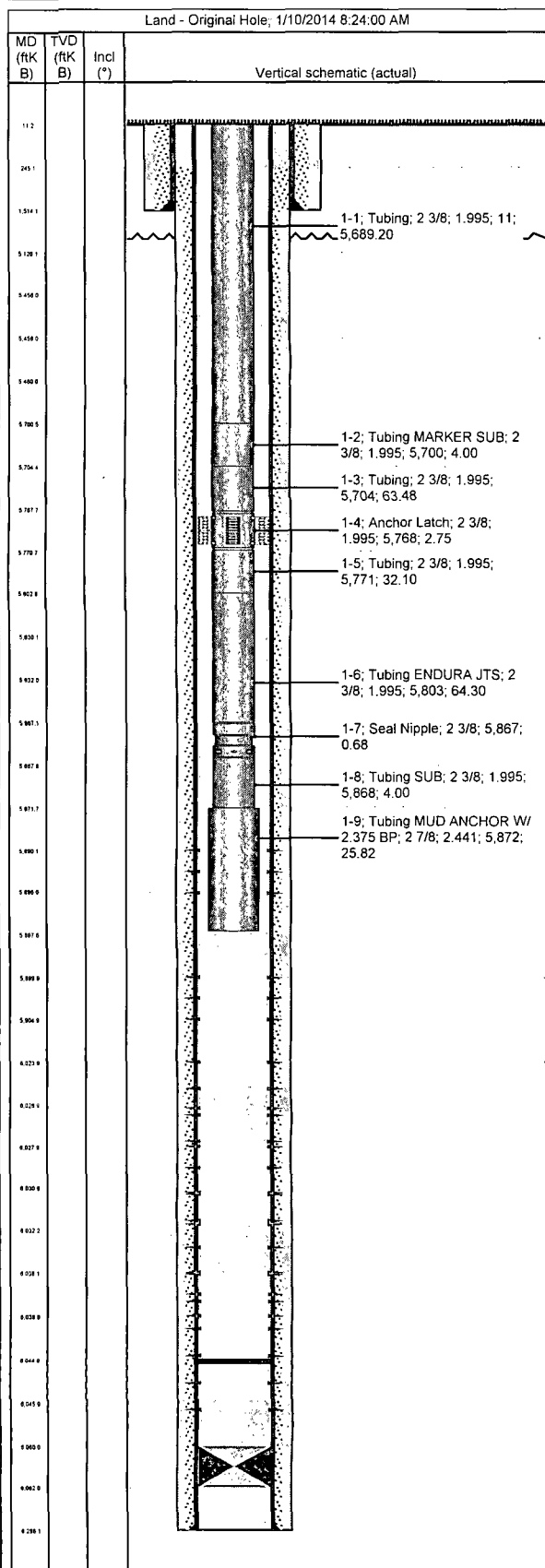
JSA

- RD SERVICE UNIT AND EQUIPMENT
- RIG RELEASED

NO ACTIVITY



Well Name VACUUM GLORIETA WEST UNIT 117	Lease Vacuum Glorieta West Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,979.00	Original RKB Elevation (ft) 3,990.00	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)	



Tubing Strings									
Tubing Description		Planned Run?		Set Depth (MD) (ftKB)			Set Depth (TVD) (ftKB)		
Tubing		N		5,897.5					
Run Date		Run Job		Pull Date			Pull Job		
1/10/2014		Return to Production, 12/29/2013 00:00							
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
180	Tubing	2 3/8	1.995	4.70	J-55		5,689.20	11.2	5,700.4
1	Tubing MARKER SUB	2 3/8	1.995	4.70	J-55		4.00	5,700.4	5,704.4
2	Tubing	2 3/8	1.995	4.70	J-55		63.48	5,704.4	5,767.9
1	Anchor Latch	2 3/8	1.995				2.75	5,767.9	5,770.6
1	Tubing	2 3/8	1.995	4.70	J-55		32.10	5,770.6	5,802.7
2	Tubing ENDURA JTS	2 3/8	1.995	4.70	J-55		64.30	5,802.7	5,867.0
1	Seal Nipple	2 3/8					0.68	5,867.0	5,867.7
1	Tubing SUB	2 3/8	1.995	4.70	J-55		4.00	5,867.7	5,871.7
1	Tubing MUD ANCHOR W/ 2.375 BP	2 7/8	2.441	6.50	J-55		25.82	5,871.7	5,897.5

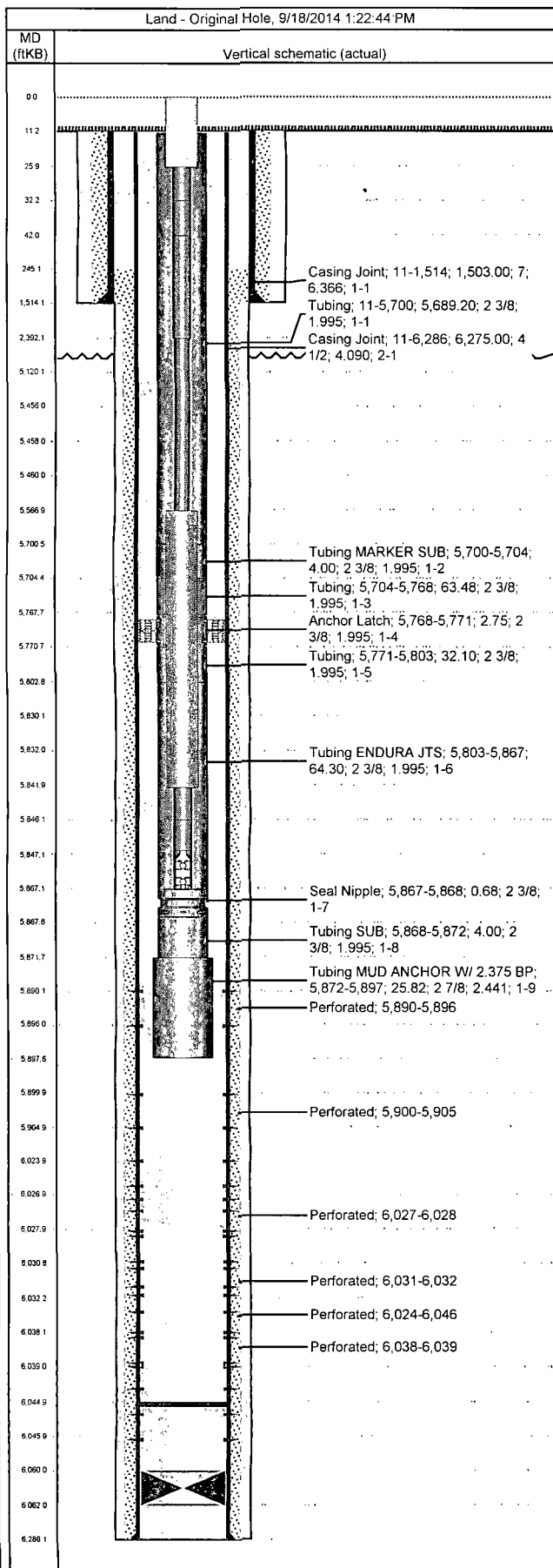
Rod Strings			
Rod Description PROD RODS	Planned Run? N	Set Depth (ftKB) 5,867.0	Set Depth (TVD) (ftKB)
Run Date 1/10/2014	Run Job Return to Production, 12/29/2013 00:00	Pull Date	Pull Job

Rod Components							
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2		Alloy Steel	26.00	0.0	26.0
1	Sucker Rod	7/8	Special	Grade 97	6.00	26.0	32.0
1	Sucker Rod	7/8	Special	Grade 97	10.00	32.0	42.0
94	Sucker Rod	7/8	Special	Grade 97	2,350.00	42.0	2,392.0
129	Sucker Rod	3/4	Special	Grade 97	3,175.00	2,392.0	5,567.0
11	Sinker Bar	1 1/2			275.00	5,567.0	5,842.0
1	Sucker Rod GUIDE	7/8	Special	Grade 97	4.00	5,842.0	5,846.0
1	Sucker Rod	7/8	Special	Grade 97	1.00	5,846.0	5,847.0
1	Rod Insert Pump 20-150 -RHBM-20-5	7/8			20.00	5,847.0	5,867.0



Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
VACUUM GLORIETA WEST UNIT 117	Vacuum Glorieta West Unit	Vacuum	Mid-Continent

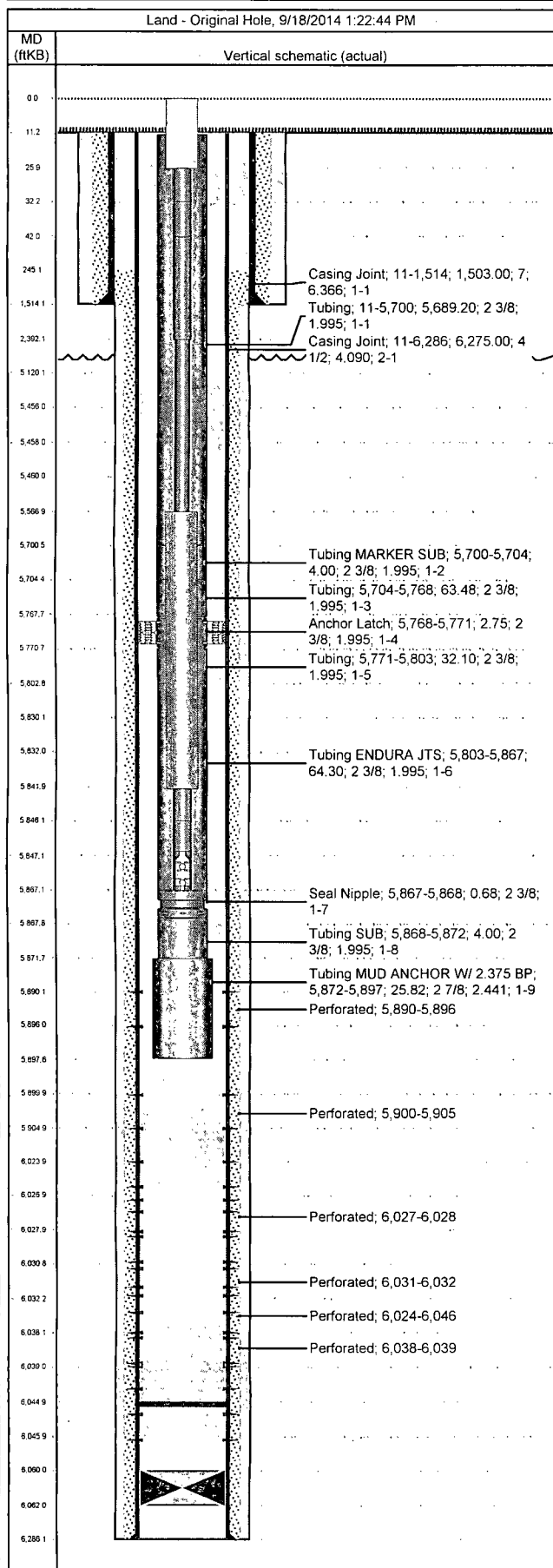


Job Details							
Job Category			Start Date		Release Date		
Major Rig Work Over (MRWO)			12/29/2013		1/11/2014		
Casing Strings							
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade		Top Thread	Set Depth (MD) (ftKB)	
Surface	7	23.00	J-55			1,514	
Production Casing	4 1/2	9.50	J-55			6,286	
Tubing Strings							
Tubing set at 5,897.5ftKB on 1/10/2014 08:24							
Tubing Description		Run Date		String Length (ft)		Set Depth (MD) (ftKB)	
Tubing		1/10/2014		5,886.33		5,897.5	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Tubing	180	2 3/8	4.70	J-55	5,689.20	5,700.4	
Tubing MARKER SUB	1	2 3/8	4.70	J-55	4.00	5,704.4	
Tubing	2	2 3/8	4.70	J-55	63.48	5,767.9	
Anchor Latch	1	2 3/8			2.75	5,770.6	
Tubing	1	2 3/8	4.70	J-55	32.10	5,802.7	
Tubing ENDURA JTS	2	2 3/8	4.70	J-55	64.30	5,867.0	
Seal Nipple	1	2 3/8			0.68	5,867.7	
Tubing SUB	1	2 3/8	4.70	J-55	4.00	5,871.7	
Tubing MUD ANCHOR W/ 2.375 BP	1	2 7/8	6.50	J-55	25.82	5,897.5	
Rod Strings							
PROD RODS on 1/10/2014 13:30							
Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)	
PROD RODS		1/10/2014		5,867.00		5,867.0	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Polished Rod	1	1 1/2			26.00	26.0	
Sucker Rod	1	7/8	2.22	Special	6.00	32.0	
Sucker Rod	1	7/8	2.22	Special	10.00	42.0	
Sucker Rod	94	7/8	2.22	Special	2,350.00	2,392.0	
Sucker Rod	129	3/4	1.63	Special	3,175.00	5,567.0	
Sinker Bar	11	1 1/2	6.01		275.00	5,842.0	
Sucker Rod GUIDE	1	7/8	2.22	Special	4.00	5,846.0	
Sucker Rod	1	7/8	2.22	Special	1.00	5,847.0	
Rod Insert Pump 20-150-RHBM-20-5	1	7/8			20.00	5,867.0	
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion		
	5,890.0	5,896.0					
	5,900.0	5,905.0					
	6,024.0	6,046.0					
	6,027.0	6,028.0					
	6,031.0	6,032.0					
	6,038.0	6,039.0					
Other Strings							
Run Date	Pull Date	Set Depth (ftKB)	Com				
Other In Hole							
Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com		
Cement	5,120.0	5,456.0		1/4/2014			
Bridge Plug (Permanent) Fasdrill	5,458.0	5,460.0		1/4/2014			



Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
VACUUM GLORIETA WEST UNIT 117	Vacuum Glorieta West Unit	Vacuum	Mid-Continent



Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Bridge Plug (Permanent) Fasdrill	5,830.0	5,832.0		1/5/2014	
Bridge Plug (Permanent) Fasdrill	6,060.0	6,062.0			