

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

WELL API NO. 30-025-27973
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES
8. Well Number 62
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM;GRAYBURG-SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3099' GL

**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 USA INC

3. Address of Operator

1616 W. BENDER BLVD HOBBS, NM 88240

4. Well Location

Unit Letter C : 565' feet from the NORTH line and 1330' feet from the WEST line

Section 2 Township 18S Range 34E NMPM County LEA

## 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: RWTP ☐

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.

CHEVRON USA INC HAS REPAIRED THE ABOVE WELL. THIS WELL HAS FAILED A MIT TEST. THE PACKER WAS REPLACED AND WELLBORE IS READY TO RESTART INJECTION. PLEASE FIND ATTACHED A DETAILED PROCEDURE ON THE WORK DONE ON THIS WELL.

05/17/2016 TEST CASING TO 600 PSI FOR 30 MINUTES. TEST GOOD

PLEASE FIND ATTACHED ORIGINAL MIT CHART AND A COPY.

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 Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 06/06/2016

Type or print name CINDY HERRERA-MURILLO E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

**For State Use Only**

APPROVED BY: Mailey Brown TITLE Dist. Supervisor DATE 6/6/2016

Conditions of Approval (if any):



PRINTED IN U.S.A.

5 6 PM

5

4

3

2

1

MIDNIGHT

11

10

9

8

7

5

6 AM

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8

9

10

11

NOON



Graphic Controls

DATE 5-17-2016

BR 2221

#62

Depth 4328'

Surface

Recorder 4431

Cal. date 4-27-16

Company - (Chevron)  
Lease - Vacuum Grayburg Sand Andres  
Date - 5-17-16  
Packer - Peak  
Tubing PSI - 600 PSI  
Service Co. - Key Energy  
Casing 60 PSI  
Cable - Carlos Rayner

HOBBS OCD

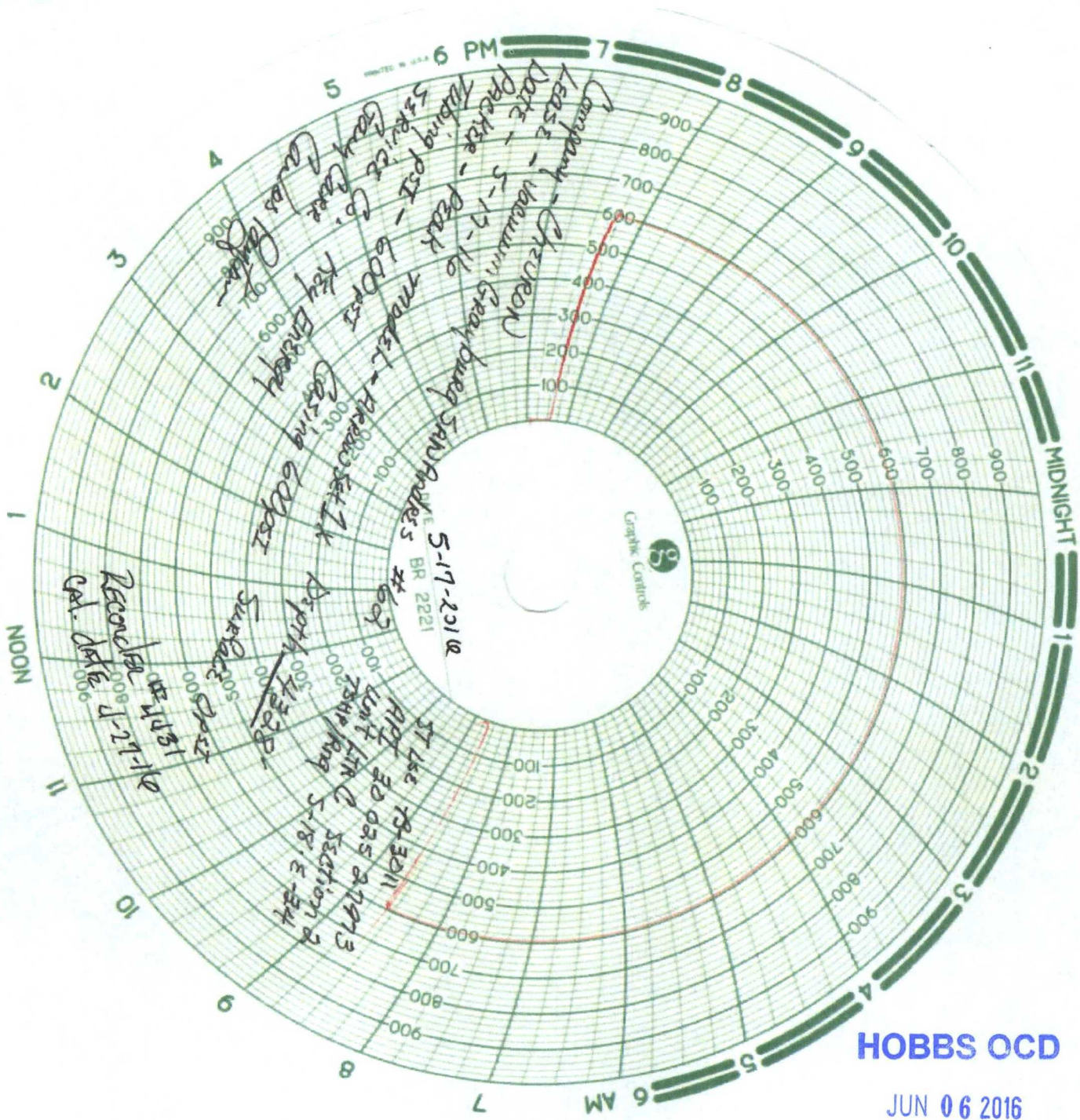
JUN 06 2016

RECEIVED

Model - Akbari Set 1K  
Casing 60 PSI  
Cable - Carlos Rayner

ST Lse 18-3011  
APL 20 025 27913  
Unit LTR C section 2  
Turb 1809  
5-18-16  
24





**HOBBS OCD**

**JUN 06 2016**

**RECEIVED**





# Summary Report

Major Rig Work Over (MRWO)

Return to Production

Job Start Date: 1/7/2016

Job End Date: 5/17/2016

Well Name VACUUM GRAYBURG SA UNIT 062	Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 4,019.00	Original RKB (ft) 4,029.00	Current RKB Elevation 4,029.00, <elvdttmstart>	Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 1/7/2016

Com

NO ACTIVITY AT WELL SITE

ROLL RIG FROM NVAWU #23 TO VGSAU #62, PJSM, MOVE IN EQUIPMENT, SPOT RIG OVER WELL, HOOK UP PUMPING EQUIPMENT & RAISE DERRICK, SDFN

CREW TRAVEL

NO ACTIVITY AT WELL SITE

Report Start Date: 1/8/2016

Com

NO ACTIVITY AT WELL SITE

CREW TRAVEL

DISCUSS TENET #8 & REVIEW JSA'S, CHECK WELL PSI: TBG= VACUUM CSG= 0 PSI

TEST CSG TO 500 PSI, PSI DROPPED TO ZERO IN 3 MINS, MONITOR WELL FOR 30 MINS, WELL IS DEAD

FUNCTION TEST BLIND RAMS, N/D HUBER WH, WH WAS DIFFICULT TO REMOVE, N/U BOP ADAPTER FLANGE, N/U BOP, RELEASE PKR, PKR DIDN'T WANT TO RELEASE, INSTALL TEST HANGER WITH 2 WAY CHECK IN IT, CLOSE PIPE RAMS

TEST PIPE RAMS TO 300 LOW & 500 HIGH, TEST FAILED, L/D SUB, TEST BLIND RAMS TO 300 LOW & 500 HIGH, TEST FAILED, BOTH PIPES & BLIND HAD THE SAME LOSS OF 40 PSI, P/U SUB, PULLED TEST HANGER, NOTICED O-RING HAD A CUT IN IT, C/O O-RINGS ON TEST HANGER, INSTALL TEST HANGER, TEST PIPE RAMS 300 LOW & 500 HIGH (GOOD TEST), L/D SUB, TEST BLINDS 300 LOW & 500 HIGH (GOOD TEST)

CREW LUNCH

PERFORM ACCUMULATOR DRAWDOWN TEST

(4) 11 GAL BOTTLES (5.5 GAL USABLE FLUID)

INITIAL PSI

ACCUM : 2,900 PSI

MANIFOLD: 1,500 PSI

1) CLOSED PIPE RAMS: 2 SECONDS

ACCUM PSI: 2,700

MANIFOLD PSI: 1,500

OPENED PIPE RAMS: 2 SECONDS

ACCUM PSI: 2,500

MAINFOLD PSI: 1,450

FINAL PSI

ACCUM: 2,500

MAINFOLD: 1,450

TOOK 52 SECONDS TO CHARGE SYSTEM BACK UP, ACCUM PSI: 2,900 MANIFOLD PSI: 1,500

L/D TEST HANGER & R/U FLOOR

L/D 134 JNT OF DOULINE PROD TBG & PKR, STRAP PROD TBG, TOP OF PKR @ 4,363', BTM OF PKR @ 4,366',

MOVE OUT PROD TBG, MOVE IN WS, STRAP WS, SECURE WELL & SIFN

CREW TRAVEL

NO ACTIVITY AT WELL SITE

Report Start Date: 1/9/2016

Com

NO ACTIVITY AT WELL SITE

CREW TRAVEL

DISCUSS TENET #9 & REVIEW JSA'S, CHECK WELL PSI: CSG= 0 PSI

CHANGE OUT 2 3/8" PIPE RAMS TO 2 7/8" PIPE RAMS, P/U PKR, SET PKR @ 25', CLOSE PIPE RAMS

TEST PIPE RAMS TO 300 LOW (TEST FAILED), PSI DROPPED TO ZERO QUICKLY, OPEN PIPE RAMS, UNSET PKR, L/D PKR, P/U ANOTHER PKR, SET PKR @ 8', CLOSE PIPE RAMS, TEST PIPE RAMS TO 300 LOW (TEST FAILED), WAS ABLE TO PUMP INTO IT @ 1/8 BBL/MIN @ 500 PSI, OPEN PIPE RAMS, UNSET PKR, P/U TO 5', SET PKR @ 5', CLOSE PIPE RAMS, TEST PIPE RAMS TO 300 PSI LOW & 500 PSI HIGH (GOOD TEST), BLEED PSI, OPEN PIPE RAMS, L/D PKR, DETERMIN WE HAVE CSG LEAK BELOW 5', COULDN'T SEE ANY WET SPOTS AROUND WH ON SURFACE

P/U RBP & PKR IN TANDEM, P/U 135 JNTS OF 2 7/8" L-80 WS, SET RBP @ 4,340', P/U 5', SET PKR, LOAD TBG WITH 15 BBLS, TEST RBP TO 500 PSI (GOOD TEST), RELEASE PKR

CIRC 80 BBLS OF BRINE 2 1/2 BBLS/MIN @ 300 PSI

CREW LUNCH

RACK BACK 56 JNT IN DERRICK, EOT @ 2,510', SET PKR, TEST CSG F/2,510'-4,340' TO 500 PSI (GOOD TEST), L/D 79 JNTS OF WS, L/D COMPRESSION PKR

P/U 32A TENSION PKR, SET PKR @ 8', TEST CSG F/8'-4,340' TO 500 PSI (TEST FAILED), PSI DROPPED 150 PSI IN 8 MINUTES, TEST CSG FROM SURFACE TO 7' TO 500 PSI, PSI DROPPED TO ZERO IN 30 SECONDS, RELEASE PKR, P/U 4' SUB, SET PKR @ 12', CHART TEST CSG F/12'-4,340' TO 500 PSI (GOOD TEST), TEST CSG FROM SURFACE TO 11' TO 500 PSI, PSI DROPPED TO ZERO IN 30 SECONDS, L/D 32A PKR, THE LEAK INTERVAL I BELIEVE IS 7'-8' BELOW SURFACE OR COULD BE FROM 5'-8' BELOW SURFACE, WE WERE ABLE TO GET A BOP TEST WITH A PKR SET @ 5' EARLIER IN THE DAY





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Job End Date: 5/17/2016

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Ground Elevation (ft) 4,019.00	Original RKB (ft) 4,029.00	Current RKB Elevation 4,029.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

Com					
TIH 42 JNTS OF WS, EOT @ 1,365', LEAVING 14 JNTS IN DERRICK TO SET THE 2ND RBP ON MONDAY, SECURE WELL & SIFN					
CREW TRAVEL					
NO ACTIVITY AT WELL SITE					
Report Start Date: 1/10/2016					
Com					
NO ACTIVITY AT WELL SITE					
Report Start Date: 1/11/2016					
Com					
NO ACTIVITY AT WELL SITE					
CREW TRAVEL					
DISCUSS TENET #1 & REVIEW JSA'S, CHECK WELL PSI: CSG= 0 PSI TBG= 0 PSI					
L/D 42 JNTS OF WS, P/U 5 1/2" RBP, TIH 14 JNTS, SET RBP @ 459', L/D 14 JNTS OF WS, MONITOR WELL, WELL IS DEAD					
N/D BOP, LOAD CSG WITH 1 BBL, DUMP 2 SKS OF 20/40 SAND, N/U WH ADAPTER & B-1 FLANGE, SECURE WELL					
RDMO PULLING UNIT & EQUIPMENT, TURN OVER TO PRODUCTION					
NO ACTIVITY AT WELL SITE					
Report Start Date: 5/10/2016					
Com					
Move rig and all auxiliary equipment.					
Rig up work over rig					
Crew travel back to the yard.					
No work being performed.					
Report Start Date: 5/11/2016					
Com					
No work being performed.					
Crew travel to location.					
JSA , Safety Meeting.					
Check pressure 0 on tubing , 0 on casing.					
Caliper all lifting equipment,					
Nipple Down well head and nipple up BOP.					
Test and run chart , 250 psi low , 520 psi high.					
Rig down work floor .					
Run in the hole with retrieving tool and					
15 x 2 7/8 work string ,					
Tag sand @ 440' and tag RBP @ 459'					
Rig up reverse unit and start washing sand from RBP .					
Latch on and release.					
Pull out of the hole with RBP .					
Run in the hole with ,					
retrieving tool and 135 x 2 7/8 and latch on to RBP @ 4340' open bypass.					
Well went on a vacuum, release RBP.					
Lunch					
Pull out of the hole with RBP .					
Run in the hole with ,					
4 3/4 mill tooth bit ,					
bit sub					
137 x 2 7/8 and tag @4378'					
Top perf is @ 4394					
PBSD @ 4783'					
Doing scenarios with crew .					
Rig up power swivel and stripper ,					
Close well in and verify .					
Debrief crew.					
Crew travel back to the yard..					
No work being performed.					
Report Start Date: 5/12/2016					
Com					
No work being performed.					
Crew travel to location.					
JSA , Safety Meeting.					





# Summary Report

Major Rig Work Over (MRWO)

Return to Production

Job Start Date: 1/7/2016

Job End Date: 5/17/2016

Well Name VACUUM GRAYBURG SA UNIT 062		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,019.00	Original RKB (ft) 4,029.00	Current RKB Elevation 4,029.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

Com

Caliper all lifting equipment,  
Check pressure - Tubing 0 psi , Casing 0 psi  
Start drilling @ 4378'  
Drilled down to 4424' ( we was getting back iron sulfide and metal ).  
We picked up and circulated clean.

Rig down power swivel .

Pull out of the hole with ,  
4 3/4 mill tooth bit still looked good but it did have a piece of metal stuck in it.

Lunch for crew.

Run in the hole with ,  
134 x 2 7/8  
cross over  
2 x 3 1/2 collars  
collar 4 3/4 string mill  
cross over  
10' x 2 7/8 sub  
bit sub  
4 1/2 cone buster mill

Well must be completely plugged up because it is standing full of fluid.  
These normally might not even circulate.

Rig up power swivel ,  
Tag @ 4424'  
Break circulation,  
Start drilling.  
Tagged @ 4424' the first nine feet was solid.  
4433' to 4461' went really well the returns were mainly scale , some metal , little formation.  
4461' to 4465' it got solid,  
4465' to 4493' it come right on down .

Circulated clean with 140 bbl 2 volumes

Rig down power swivel pull up to 4362'

Close well in and verify ,  
Debrief crew.

Crew travel back to the yard.

No work being performed.

Report Start Date: 5/13/2016

Com

NO OPERATIONS TAKING PLACE AT THIS TIME.

CREW TRAVEL FROM HOBBS KEY YARD TO LOCATION.

JSA TGSM / REVIEWED JSA WITH CREW MEMBERS AND ALL BP DISCUSSING TODAY'S PROJECTED OPERATIONS / COMMUNICATED E-COLORS, SWA, SWP, TENET OF THE DAY AND HAZARD WHEEL / HAZARDS WERE IDENTIFIED AND RECOMMENDED SAFE PROCEDURES WERE GIVEN.  
PERFORMED RIG WALK AROUND, FILLED OUT BOP ACCUMULATOR CHECK LIST, CALIPER OUR 2 7/8" TBG ELEVATORS.

WELL ON A SLIGHT VACUUM / TIH WITH 2 7/8" L-80 WS TBG AND DRILLING BHA TO TAGGING DEPTH OF 4,493'

RU POWER SWIVEL AND SECURE OVER WELL.

PUMPED 20 BBL'S 10# BRINE TO ESTABLISH CIRCULATION.

CLEANED OUT FROM 4,493' TO 4655' / WE PULLED UP TO 4,622 AND IT TOOK US 1 HR TO GET BACK TO OUR ORIGINAL DEPTH OF 4,655' / CALLED 4,655' GOOD DUE TO NOT WANTING TOT GET STUCK - PLANTED.

**\*\*NOTE\*\*** RETURNS WERE METAL SHAVINGS, IRON SULFIDE / WHEN WE PULLED UP TO 4,622' AND ATTEMPTED TO GET BACK TO 4,655' WE ENCOUNTERED LOTS OF HEAVY METAL SHAVINGS.

CIRCULATE WELL 1- 1/2 TIMES WELL CAPACITY FROM 4,655' TO SURFACE @ 2.5 BPM.

RD POWER SWIVEL AND LOAD ON TRAILER.

STARTED TO POOH LD 2 7/8" L-80 WS TUBING FROM 4,655' AND WHEN WE REACHED A DEPTH OF 4,446' WE GOT STUCK / WE WORKED THE TBG AND EVENTUALLY HAD TO INSTALL THE POWER SWIVEL TO ASSIST US IN POOH / TOTAL TIMED TOOK TO WORK TBG FREE WAS 1 HR 45 MIN.

REMOVE POWER SWIVEL AND STRIPPER RUBBER / PREP TOOLS AND EQUIPMENT TO POOH WITH WORKSTRING LD.

LD TOTAL OF 33 - 2 7/8" L-80 WS TBG AND LEFT EOT @ 3,681' OVER THE WEEKEND.

PU TOOLS AND EQUIPMENT, ISOLATE, SECURE AND SHUT IN WELL FOR THE WEEKEND.

DEBRIEF WITH CREW ON ACHIEVING AN IFO DAY / REVIEWED PROJECTED OPERATIONS FOR MONDAY.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE AT THIS TIME.

Report Start Date: 5/16/2016



# Summary Report

Major Rig Work Over (MRWO)

Return to Production

Job Start Date: 1/7/2016

Job End Date: 5/17/2016

Well Name VACUUM GRAYBURG SA UNIT 062		Lease Vacuum Grayburg San Andres Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,019.00	Original RKB (ft) 4,029.00	Current RKB Elevation 4,029.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

Com

No work being performed.

Crew travel to location.

JSA , SWA , TIF , 360

Pull out of the hole laying down tubing, and bottom hole assembly.  
When we got out there was a piece of casing about 1" long stuck on the string mill.

Lunch

Run in the hole picking up tubing from the rack .  
133 x 2 3/8 TK 70 XL IPC  
retrieving tool  
5 1/2 packer  
Set @ 4328'

Release on/off tool .

Nipple down BOP .  
Nipple up well head.

Circulate packer fluid ,  
100 bbls

Remove well head ,  
Latch back on to packer and space out and nipple up well head.  
Left 10K down on the packer.  
Hook up reverse unit blew plug @ 600 psi

Close well in and verify , Debrief crew.

Crew travel back to yard.

No work being performed .

**Report Start Date: 5/17/2016**

Com

No work being performed.

Crew travel to location.

JSA , Safety Meeting.

Load and run chart @ 600 psi for 30 minutes.

Rig down work over rig ,  
and clean location .  
Secure everything for rig move.

Final Report.