

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. 30-025-23887
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO WEST UNIT
8. Well Number 18
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM; ABO, NORTH

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 F : 1980' feet from the NORTH line and 1980' feet from the WEST line
Section 27 Township 17S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4043' GL

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.

PLEASE SEE ATTACHED ORIGINAL MIT CHART. WE NOTIFIED MAXEY BROWN /NMOC ON MIT TEST.

INCREASE ON CHART NOTED
DUE TO NOT ALLOWING PACKER FLUID
TEMP. TO STABILIZE PRIOR TO TEST.
MJB.

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 06/03/2016

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

For State Use Only

APPROVED BY:

Conditions of Approval (if any):

DATE

Accepted for Record Only

MJB/OCD
6/13/2016

PRINTED IN U.S.A. 6 PM

MIDNIGHT

Chewon USA INC
North Vacuum Abo West Unit #18
API 30-025-23897
Start 520 psi End 575 psi

Jose Cue
Post Workover

Ct J Energy
4,000 psi / 60 min

Cal Date: 2-17-16
Serial # A808

HOBBES OGD

JUN 13 2016

RECEIVED



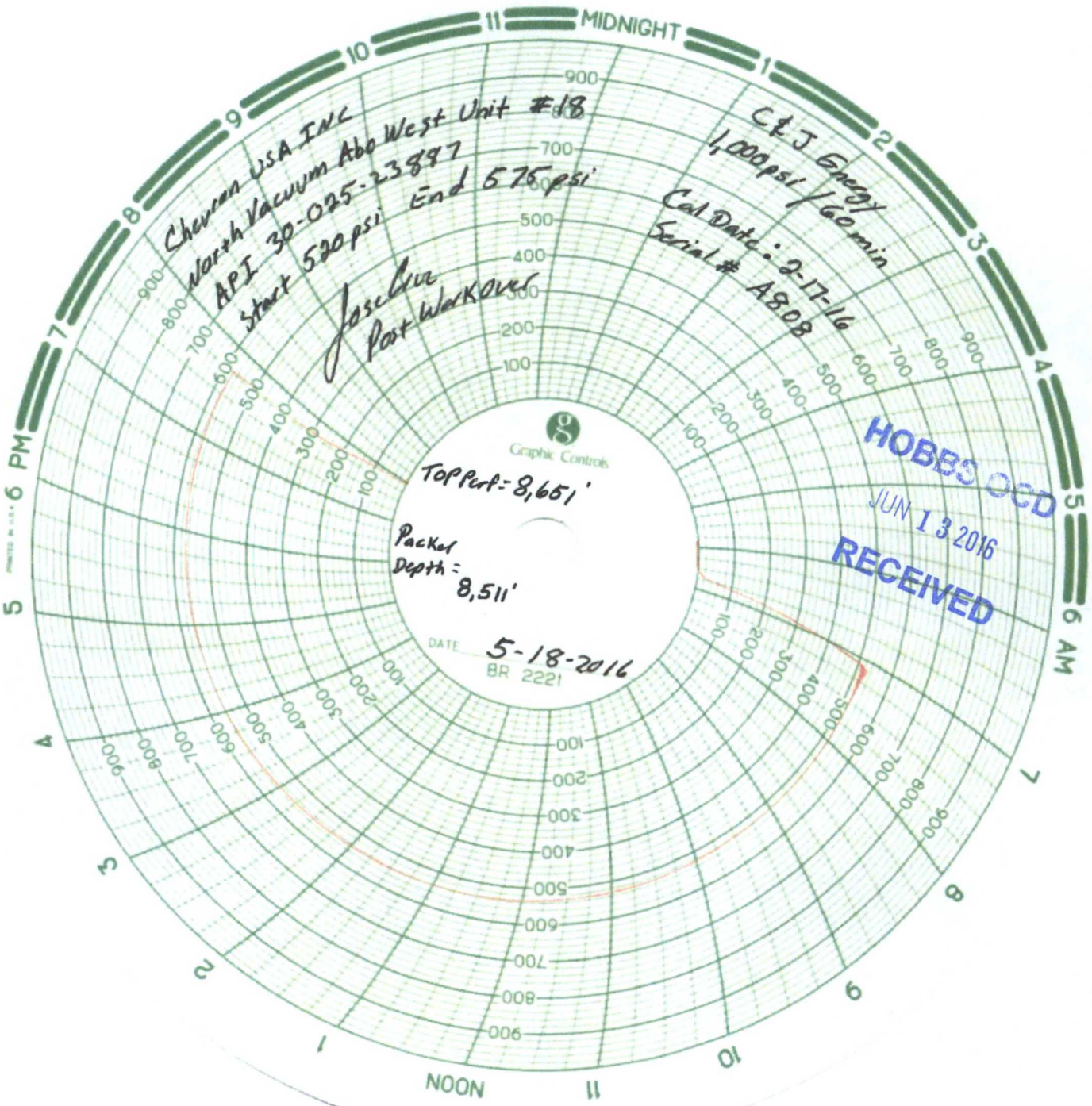
Graphic Controls

Top Perf = 8,651'

Packet
Depth = 8,511'

DATE 5-18-2016
BR 2221

NOON





MCBU Completion & WO Report

Report Date: 5/18/2016

50.15% WI, Report #: 6

NORTH VACUUM ABO WEST UNIT 018

Plan Days: 8.00, Tot Days: 3.13

Primary Wellbore Affected Original Hole	Job Category Major Rig Work Over (MRWO)	Primary Job Type Casing Repair	SBU Completion Well Category Comp Well Category 2
Area Central Permian	Well Type Oil Producer	Directional Type Vertical	AFE Number UWDGP-R6144-EXP
Ground Elevation (ft) 4,043.00	Current RKB Elevation 4,058.00, 10/22/2015	Current KB to Ground (ft) 15.00	Original RKB Elevation (ft) 4,058.00

HES Incidents

Emp. Category	Sub-Category	Cause	Incident Desc	Caused NPT?

Safety/Inspections

Time	Safety Check	Com
06:30	Safety Meeting	No incidents, accidents, or environmental issues. Tenet of Operations #8 (Address abnormal conditions) Hazard Wheel #8 (Biological) E-Color's: blue/yellow 360 My Space DIFO : Keep good communication between rig crew & all BP, keep floor clear of trip hazards and use SWA when not sure or in doubt. JSA's Reviewed: Key Well Services, SLB, Peak Completions, Key Energy, Pate Trucking, D&L Meters PTW: None Confined Space:None Hot Work: None SSE: None

Daily Operations

Status at Reporting Time WELL COMPLETED	Projected Operations WELL COMPLETED **FINAL REPORT** Comments From Hobbs, Head west on Hwy 180 (Carlsbad Hwy) ~ 13 miles. Turn right on NM-529, go 2.4 miles, Turn right on to NM 238. Go 7.5 Miles, turn back West towards FMT entrance. Drive for about .5 mile and turn left in front of FMT offices, drive for about 2.2 miles on the dirt road in front of offices heading west, Turn right at yellow cattle guard and drive for about 2.0 miles and road will take you straight to Key 358 (NVAWU #18)
Operations Summary JSA TGSM, ZERO PSI CSG & TBG / CONTINUE RIH WITH 2 3/8" IPC PROD TBG LANDING 5 1/2" PACKER @ 8,511' / PERFORM PRE-MIT TEST "GOOD" / RELEASE ON-OF TOOL AND CIRCULATE PACKER FLUID THROUGHOUT WELL (200 BBL'S) / LATCH ON, NDBOP-NUWH / PUMP OUT PLUG RUPTURED PREMATURELY BUT WE STILL MANAGED TO CIRCULATE PACKER FLUID AND PERFORM MIT TEST "GOOD" / RD KEY 358 FROM NVAWU #18 AND PREP TO MOVE IN THE MORNING.	

Mud Checks

Mud/Brine Type	Depth (MD) (ftKB)	Fluid Type	Fluid Density (lb/gal)	Com

Time Log

Start Time	Dur (hr)	Phase	Activity	Com	UE Time (hr)	UE Ref No.
00:00	5.50		INACTIVE	NO OPERATIONS TAKING PLACE AT THIS TIME.		
05:30	1.00	PRODCSG, CSGREPAIR, 5/11/2016 12:30	TRAV	CREW TRAVEL TO LOCATION FROM HOBBS RIG YARD.		
06:30	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	HESMTG	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.		
07:00	0.25	PRODCSG, CSGREPAIR, 5/11/2016 12:30	PREPSITE	PERFORMED RIG WALK AROUND, FILLED OUT BOP ACCUMULATOR CHECK LIST, CALIPER OUR 2 3/8" TBG ELEVATORS.		
07:15	0.25	PRODCSG, CSGREPAIR, 5/11/2016 12:30	FLODWN	CHECK PRESSURE ON WELL-ZERO PSI TBG AND ZERO PSI CSG, OPEN WELL.		
07:30	1.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	TBGP/U	CONTINUE RIG WITH 2 3/8" J55 IPC TK99 INJECTION JTS (TOTAL 261 JTS) AND 5 1/2" NICKEL PLATED INJECTION PACKER WITH 1.43 F PROFILE NIPPLE.		
09:00	0.25	PRODCSG, CSGREPAIR, 5/11/2016 12:30	PKRSTRL P	SPACED OUT AND SET 5 1/2" INJECTION PACKER @ 8,511'		
09:15	0.75	PRODCSG, CSGREPAIR, 5/11/2016 12:30	PKRTST	LOAD BACKSIDE AND PRESSURE TEST CSG-PACKER TO 540 PSI FOR 30 MINUTES / GAINED 40 PSI IN 30 MINUTES / BLED OFF PRESSURE AND TRAPPED AIR FROM WELL..		

Last Casing String

Casing Description	String Nominal OD (in)
Production Casing	5 1/2
String Grade	Weight/Length (lb/ft)
L-80	17.00
Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)
15	8,800

PBTD

Date	PBTD (ftKB)	Type
5/16/2016	8,781	

Measurement Method

Tagged with 4 3/4" Bit

AFE

AFE+Sup Amt (Cost)	AFE-Field est. (Cost)
280,840	196,134
Daily Field Est Total (Cost)	Cum To Date (Cost)
22,756	84,706
Depth Start (MD) (ftKB)	Depth End (MD) (ftKB)
0	0
Problem Time Hours (hr)	Cum Prob Hrs (hr)
0.00	0.00
Time Log Total Hours (hr)	Total Time Log Hours (hr)
13.00	75.00

Personnel/Safety

Head Count	Personnel Total Hours (hr)
13.0	115.50
Recordable Incident?	Cum Pers Tot Hr (hr)
No	617.75
Days Since Rec. (days)	Days Since LTI (days)
7,998	

Safety Check Summary

Type	Last Date	Days Last Chk (days)
BOP Drill	5/11/2016	7
BOP Pressure Test	5/11/2016	7
Evacuation	5/11/2016	7
Fire Drill	5/11/2016	7
H2S Drill	5/11/2016	7
Spill Drill	5/11/2016	7

Daily Cost by Tan/Int

Tan/Int	Rpt Fid Est (Cost)
Int	15,556
Tan	7,200

Daily Contacts

Contact	Title	Mobile
Bohon, David	Drilling Sup't	(432) 238-2322
Olree, Kyle	Workover Engineer	(307) 922-3098
Asire, Evan	Workover Engineer	(432) 301-2067
Spence, Reilly	Workover Engineer	(970) 549-6417
Jimenez, Adriana	Technical Assistant	(432) 687-7378
Cruz, Jose	Well Site Manager	(575) 942-0775
Garcia, Gabriel	Well Site Manager	(575) 390-7220
Cook, Todd	HES Specialist	(432) 661-8113
Anaya, Luis		(575) 631-8756
Lopez, Johnny		(575) 390-4093

Personnel

Company	Total Headcount	Shift Duration (hr)
Chevron	1	13.00
Key Well Services	5	13.00
Smith Services Drilco	1	13.00
Key Energy Services	1	1.00
Peak Oilfield Services	1	11.00
D & L Meter & Instrument	1	1.50
Pate Trucking	1	8.00
Key Energy Services	1	1.00
Key Well Services	1	2.00

Diesel Usage

Supply Item Des	Consumed	Cum Consumed
Diesel	25.0	175.0

Well Name NORTH VACUUM ABO WEST UNIT 018	Lease North Vacuum Abo West Unit	Field Name Vacuum North	Business Unit Mid-Continent
County/ Parish Lea	State/Province New Mexico	Original Spud Date 9/16/1971	Surface UWI 3002523887
Rig/Unit Contractor Key Energy	Rig/Unit # / Name 358	Rig/Unit Start Date 5/11/2016 08:30	Surface ChevNo FG9081
		Rig/Unit End Date 5/18/2016 18:30	



MCBU Completion & WO Report

Report Date: 5/18/2016
50.15% WI, Report #: 6

NORTH VACUUM ABO WEST UNIT 018

Plan Days: 8.00, Tot Days: 3.13

Time Log

Start Time	Dur (hr)	Phase	Activity	Com	UE Time (hr)	UE Ref No.
10:00	2.00	PRODCSG, CSGREPAIR, 5/11/2016 12:30	CC	RELEASED ON-OFF TOOL AND STARTED CIRCULATING PACKER FLUID CONVENTIONAL THROUGHOUT WELL WHEN OUR TBG PRESSURE DROPPED TO ZERO / WE THEN STARTED PUMPING REVERSE AND ESTABLISHED CIRCULATION AFTER 20 BBL'S OF PACKER FLUID HAD BEEN PUMPED / PUMPED TOTAL 190 BBL'S OF PACKER FLUID REVERSE AND RECOVERED AT SURFACE THROUGH TBG / AFTER PUMPS WERE TURNED OFF WE LATCHED ON TO THE INJECTION PACKER @ 8,511'		
12:00	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	BOPN/D	NDBOP FROM WELL AND LOAD ON TRAILER.		
12:30	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	WHDINST	INSTALL NEW 2 3/8" IPC 7 1/16" B1 FLANGE, AND GATE VALVE.		
13:00	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	CSGTST	PERFORM 20 MINUTE PRE-MIT TEST CHART @ 520 PSI AND WELL GAINED 40 PSI / BLED OFF AND WELL HAD TRAPPED AIR		
13:30	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	UNITMOV	MOVE IN AND SPOT NABORS PUMP TRUCK / LD IRON AND SECURED TO WELL.		
14:00	0.25	PRODCSG, CSGREPAIR, 5/11/2016 12:30	TBGTST	SHUT GATE VALVE AND PRESSURE TESTED LINES TO 3,000 PSI "GOOD" / BLED OFF PRESSURE.		
14:15	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	INJ	OPEN VALVE AND PUMPED 45 BBL'S OF 8.4# FRESH WATER @ 2 BPM WITH 350 INJECTION PRESSURE / THIS VERIFIED THAT PUMP OUT PLUG RUPTURED PREMATURELY.		
14:45	0.75	PRODCSG, CSGREPAIR, 5/11/2016 12:30	CSGTST	LOADED CSG AND PERFORMED MIT TEST @ 520 PSI FOR 30 MINUTES AND PRESSURE GAINED WAS 55PSI. **NOTE** I CALLED NMOCD AND SPOKE TO MAXEY G BROWN (DISTRICT SUPERVISOR- 575-393-6161 / 575-370-3179) AND HE SAID THE TEST WOULD BE GOOD BECAUSE TEMPERATURE, WEATHER AND BECAUSE THE DEPTH OF THE WELL WOULD TAKE DAYS TO GET A STRAIGHT LINE / ALSO THIS WELL WAS LOOSING PRESSURE NOT GAINING AS PER MIT FAILURE.		
15:30	0.25	PRODCSG, CSGREPAIR, 5/11/2016 12:30	HESMTG	JSA TGSM FOR RD UNIT, CLEANING UP LOCATION AND WET-SLIPPERY WEATHER.		
15:45	1.00	PRODCSG, CSGREPAIR, 5/11/2016 12:30	R/D	RD KEY 358 FROM NVAWU #18		
16:45	0.50	PRODCSG, CSGREPAIR, 5/11/2016 12:30	PREPSITE	CLEAN UP CURRENT LOCATION / SECURE EQUIPMENT ON RIG / PREP TO MOVE OUT IN THE MORNING.		
17:15	0.25	PRODCSG, CSGREPAIR, 5/11/2016 12:30	HESMTG	DEBRIEF WITH CREW MEMBERS ON TOMORROWS OPERATIONS AND ROUTE BEING TAKEN TO NEW LOCATION.		
17:30	1.00	PRODCSG, CSGREPAIR, 5/11/2016 12:30	TRAV	CREW TRAVEL TO LOCATION. **FINAL REPORT**		

Material Transfer / Physical Inventory

Date	To/From or Used	Location Received From or Sent To	Cond	Material Des	Quantity	Length (ft)	Com
5/18/2016	Used	NVAWU #18 RIH	A	2 3/8" IPC TK99 8RD 4.7# J55	261	8,500.00	261 JTS RIH
5/18/2016	From Location	NVAWU #18 / 1788 PIPE YARD	A	2 3/8" IPC TK99 4.7# 8RD	14	448.00	14 JTS 2 3/8" IPC TK99 SENT IN FOR CREDIT TO 1788 PIPE YARD

String/BHA Components

Item Des	Jts	OD (in)	ID (in)	Len (ft)	Top Thread

Stimulations Summary

Type	Stim/Treat Company	Diversion Method

Stimulation Intervals

Interval Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Linked Zone	String
Avg Treat Rate (bbl/min)	Avg Treat Pressure (psi)	Max Treat Rate (bbl/min)	Max Treat Pressure (psi)	Breakdown Pressure (psi)
P Pre SI (psi)	Post-Treatment ISIP (psi)	Proppant In Formation (lb)	Proppant In Wellbore (lb)	Est Sand Top Depth (ftKB)

Comment