

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-24019
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO WEST UNIT
8. Well Number 11
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 U.S.A. INC.

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

4. Well Location

Unit Letter P: 660 feet from the SOUTH line and 660 feet from the EAST line

Section 21 Township 17S Range 34E NMPM County LEA

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

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 HORIZONTAL COMPLETION NE & SW

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.

4-08-11: MIRU. 4-09-11: FRAC WELL W/98,979 GALS WF130, 153,731 GALS DGA HCL20, & 4326 GALS WF115. 4-17-11: MIRU COIL TBG UNIT. TRY TO ESTAB CIRC. WELL ON VAC.

4-20-11: TAG FLUID LEVEL @ 5800'. 5-02-11: EST CIRC @ 8500' W/400 SCF. 5-03-11: TIH W/BIT. MILL TO 9369. RUN DN TAG @ 9819. PULL UP TO 8500. RUN DN TO 9819. TAG @ 10303. PULL UP TO 8500. RUN DN TO 10303. RUN DOWN TO 10350. PULL UP TO 8500. 5-10-11: REL PKR. 5-11-11: PU BHA. TIH W/3 1/2" WS.

5-12-11: LATCH ONTO FISH & JAR LOOSE. TIH W/BHA TO 2500'. 5-13-11: TAG @ 8531'.

5-14-11: TAG RBP @ 8539'. WORK RBP LOOSE. TAG LINER TOP @ 8549'. 5-16-11: RIG DOWN. W/O FRAC.

5-24-11: MOVE IN COIL TBG UNIT. 5-25-11: TAG @ 9098. WASH 9098-9103. WASH 9114-9118.

7-19-11: C/O 9040-9069. 7-29-11: FRAC WELL W/38,307 GALS WF130, 41,989 GALS DGAHCL20, & 568 GALS WF115.

7-30-11: FLOWING. 8-01-11: TIH W/COIL TBG. 8-12-11: TIH W/2 7/8" TBG @ 8449'. 8-13-11: RIG DOWN. W/O TEST.

8-15-11: ON 24 HR OPT. PUMPING 73 OIL, 102 GAS, 62 WATER. GOR-1397

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 11-10-2011

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY: [Signature] TITLE REGULATORY ENGINEER

DATE MAR 06 2012

Conditions of Approval (if any):

MAR 06 2012



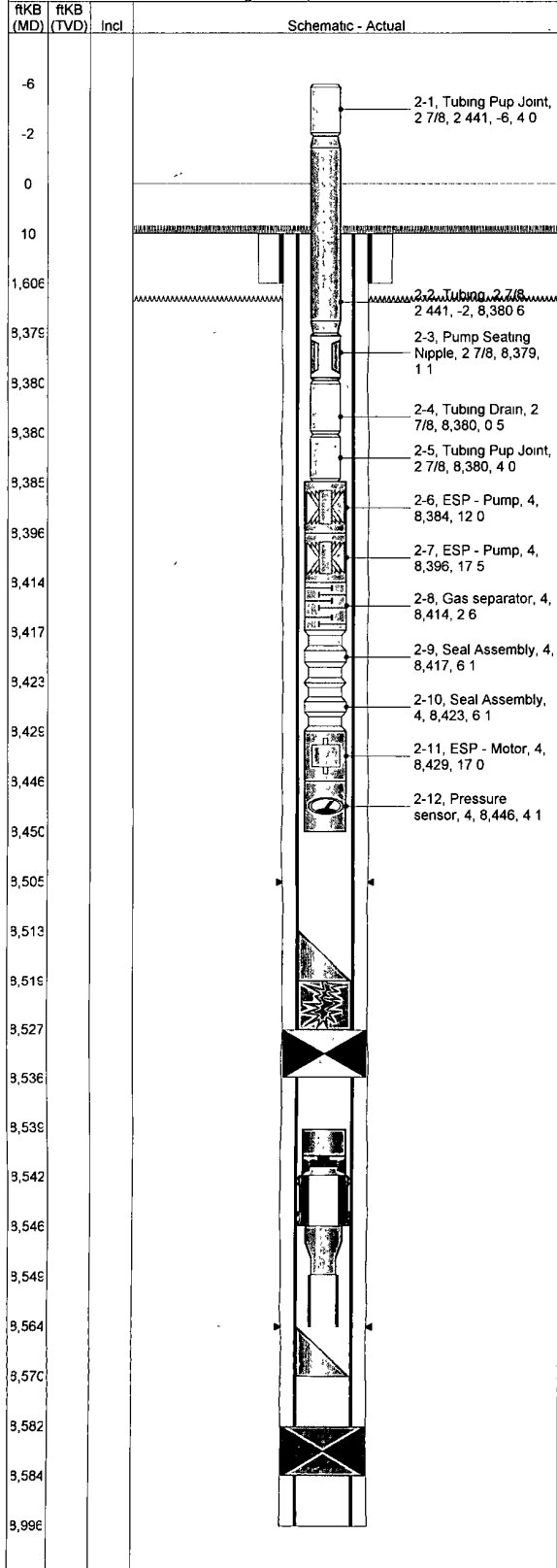
NOV 14 2011

Tubing Summary

RECEIVED

Well Name NORTH VACUUM ABO WEST UNIT 011H	Lease North Vacuum Abo West Unit	Field Name Vacuum North	Business Unit Mid-Continent/Alaska	
Ground Elevation (ft) 4,058.00	Original RKB Elevation (ft) 4,068.00	Current RKB Elevation (ft) 4,068.00	Mud Line Elevation (ft)	Water Depth (ft)
Current KB to Ground (ft) 10.00	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)	

Prod Tree Loc - Original Hole, 8/12/2011 2 00 00 PM



Tubing Strings

Tubing Description PRODUCTION		Planned Run? No		Set Depth (ftKB) 8,449.9		Set Depth (TVD) (ftKB)		
Run Date 8/12/2011		Run Job Completion - Reconfigure, 4/8/2011 18:30		Pull Date		Pull Job		
Jts	Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)
1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80	8RD	4.00	-5.9
264	Tubing	2 7/8	2.441	6.50	L-80	8RD	8,380.65	-1.9
1	Pump Seating Nipple	2 7/8					1.10	8,378.8
1	Tubing Drain	2 7/8				8RD	0.53	8,379.9
1	Tubing Pup Joint	2 7/8					4.00	8,380.4
1	ESP - Pump	4				8RD	12.04	8,384.4
1	ESP - Pump	4					17.53	8,396.5
1	Gas separator	4				8RD	2.60	8,414.0
1	Seal Assembly	4					6.10	8,416.6
1	Seal Assembly	4				8RD	6.10	8,422.7
1	ESP - Motor	4					17.00	8,428.8
1	Pressure sensor	4				8RD	4.10	8,445.8

Rods

Rod Description		Planned Run? No		Set Depth (ftKB)		Set Depth (TVD) (ftKB)	
Run Date		Run Job		Pull Date		Pull Job	
Jts	Item Description			OD (in)	Len (ft)		Top (ftKB)

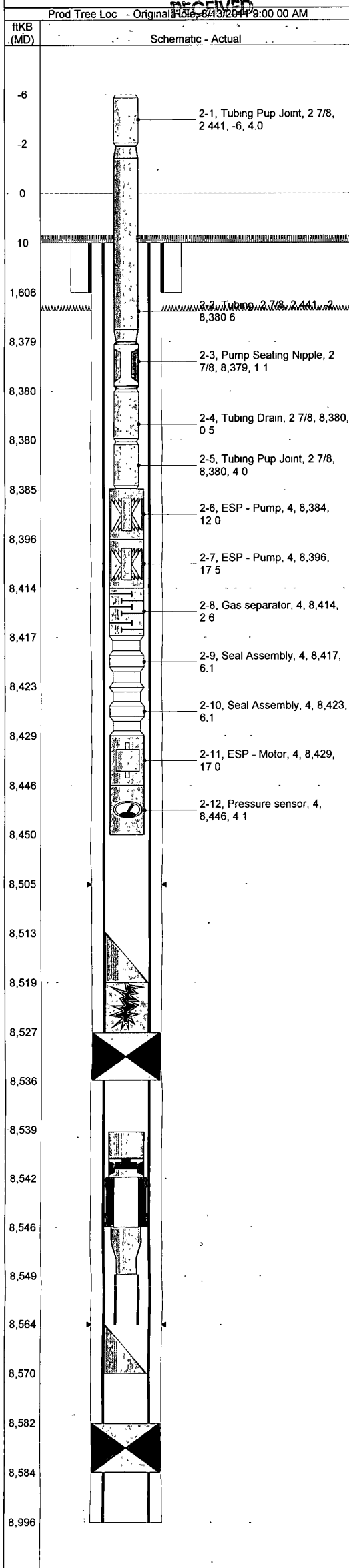


NOV 14 2011

Daily Completions Report

Report Date: 8/13/2011

Report #: 31



Safety Check Summary

Type	Last Date	Days Since Last Check (days)	Days Until Next Check (days)	Next Date
JSA	7/20/2011	23	-22	7/22/2011
Pre-Job Meeting	4/17/2011	117	-116	4/19/2011
Pre-Tour Safety Meeting	4/17/2011	117	-116	4/19/2011
Rig Inspection	8/11/2011	1	6	8/19/2011
Safety Meeting	8/13/2011	-1	2	8/15/2011

Daily Job Supply Summary

Supply Item Description	Consumed	Cum On Loc
Diesel	0.0	-20.0

Fluid Checks

Mud/Brine Type	Fluid Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	YP Calc (lb/100ft²)	API Filtrate (cc/30)
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Comment

Completion Fluid Losses

Fluid Type	Fluid Detail	Volume Lost (bbl)	Cum Vol Lost (bbl)
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Time Log

Dur (hrs)	Start Time	Cum Dur (hrs)	Phase	Activity	Comment	UE Time (hrs)	UE Ref No
0.75	06:00	0.75	INTER, INTER	TRAV	TRAVEL TIME		
0.50	06:45	1.25	INTER, INTER	HESMTG	HSM, DISCUSS TENET #3, REVIEW JSA'S		
1.75	07:15	3.00	INTER, INTER	R/D	RIG DOWN MOVE TO NEXT WELL		

Unscheduled Events

Unsch Maj Cat	Unscheduled Detail	Start Date	Start Depth (ft)	End Depth (M)	Estimated Cost	Est Lost Time
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Event Description

Work String/BHA

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
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Nozzles (/32")	Len (ft)	String Wt (1000lbf)	BHA ROP (f
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String Components

Jars

Item Description	Condition Run	Starting Hours (hrs)	End Hours (hrs)	Last Inspection Date	Days Fm Insp (days)
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Tubing Strings

Tubing Description	String OD (in)	Set Depth (ftKB)	String Top Thrd	String Wt (lbs/ft)	String Grade	Comment
PRODUCTION	2 7/8	8,449.9	8RD	6.50	L-80	

Other In Hole

Description	OD (in)	Btm (ftKB)	ID (in)	Top (ftKB)	Top Depth (TVD) (ftKB)	Comment
Cast Iron Bridge Plug	4.906	8,584.0		8,582.0		
Whipstock	4.906	8,570.0		8,564.0		
Bridge Plug (Retrievable) Baker	4.906	8,536.0		8,527.0		
Whipstock	4.906	8,519.0		8,513.0		
Sand Spacer	4.906	8,527.0		8,519.0		

Other Strings

String Description	String OD (in)	Set Depth (ftKB)	Top Depth (MD) (ftKB)	String Wt (lbs/ft)	String Grade	Comment
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Perforations

Type	Date	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Comment
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Offline Activities

Offline Activity Type	Start Date	End Date
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Offline Activity Time Log

Start Date	Durat (hrs)	End Date	Activity	Comment
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NOV 14 2011

RECEIVED

Daily Completions Report

Report Date: 8/13/2011

Report #: 31

Prod Tree Loc - Original Hole, 8/13/2011 9:00 00 AM		Well Name		Lease		Field Name	
ftKB (MD)	Schematic - Actual	NORTH VACUUM ABO WEST UNIT 011H		North Vacuum Abo West Unit		Vacuum North	
		Business Unit Mid-Continent/Alaska		State/Province New Mexico		Surface UWI 3002524019	Surface ChevNo FG9490
		Current RKB Description DISWin RKB Adj Dstn: 0.0000	Ground Elevation (ft) 4,058.00	Original RKB Elevation (ft) 4,068.00	Water Depth (ft)		
		Current KB to Ground (ft) 10.00	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)		
Current Plug Back							
		Date 7/3/2007	PBTD (ftKB) 8,996	Type	Measurement Method		
Last Casing Size							
		Casing Description Production Liner 2	Set Depth (MD) (ftKB) 10,878	Set Depth (TVD) (ft)	String OD (in) 2 7/8	Top Depth (MD) (ftKB) 8,523	Top Depth (TVD) (ft) 8,520.6
		Primary Wellbore Affected ST1	Directional Type Horizontal	Wellbore UWI 300252401901	Wellbore ChevNo FG9490-01		
		Job Category Major Rig Work Over (MRWO)	Primary Job Type Completion - Reconfigure	Actual Start Date 4/8/2011	Actual End Date 8/13/2011		
Safety/Inspections							
		Description	Safety Check	Inspected By	Result	Comment	
			Pre-Tour Safety Meeting	CUSK/SI..	Acceptable	PRE RIG UP SAFETY MEETING/JSA REVIEW	
			Pre-Job Meeting	CUSK/SI..	Acceptable	REVIEW JSA' S BEFORE COIL TUBING OPERATIONS,	
			JSA	drje		review jsa's on coil tubing job	
			JSA	drje		prejob safety mtg	
		HSM, REVIEW JSA	Safety Meeting	JNBG	Acceptable	PRE JOB SAFETY MEETING	
		HSM, DISCUSS TENET #9 REVIEW JSA'S	Safety Meeting	JNBG	Acceptable		
		HSM, DISCUSS TENET #10 REVIEW JSA'S	Safety Meeting	JNBG	Acceptable		
		HSM, DISCUSS TENET #1, REVIEW JSA'S	Safety Meeting	JNBG	Acceptable		
		RIG INSPECTION	Rig Inspection	JNBG	Acceptable		
		HSM, DISCUSS TENET #2 REVIEW JSA'S	Safety Meeting	JNBG	Acceptable		
HES Incidents							
		Time	Emp. Category	Incident Cat	Sub-Category	Cause	Caused NPT? Hidden
							No
Daily Operations							
		Evacuation Lead Time (hours)	Recordable Incident? No	Days Since Recordable Incident 2568	Days Since Last Time Incident		
		Rig Time (hrs) 3.00	Cum Rig Time (days) 10.31	Head Count 5.0	Personnel Total Hours (hrs) 15.00		
		Daily Contacts Remedial Engineer, Pinney, Ivan, (281) 796-9252; Remedial Engineer, Brummett, Nate, (713) 409-6170, Well Site Manager, Northcutt, Mike, (575) 390-1090; Drilling Sup't, Lynch, Heath, (281) 685-6188			Rig (Names) Key Energy 307		
		Status at Reporting Time RD			Projected Operations TURN OVER TO OPERATIONS		
Operations Summary RIG DOWNN AND TURN WELL OVER TO OPERATIONS							
Comments							
		Avg Background Gas	Avg Connection Gas	Avg Drill Gas	Avg Trip Gas		
		AFE Number UWDOL-D0052-COM, UWDOL-D0052-SUC	Target Formation	Target Depth (MD) (ftKB)	Cost Per Depth Drilled (Cost/ft)		
		Daily Cost Total 364,042	Cum Cost To Date 2,496,636	Daily Mud Cost	Cum Mud Cost to Date		
		Depth Start (MD) (ftKB) 10,911	Depth Start (TVD) (ftKB) 0 0	Depth End (MD) (ftKB) 10,911	Depth End (TVD) (ftKB) 0 0		
		Time Log Total Hours (hrs) 3 00	Problem Time (%)	Problem Time Hours (hrs)	Cum Problem Time (%) 1.82		
		Last Phase INTER, INTER	Phase % Complete (%) 100.0	Days ahead/rem (days) 1 29	Job Days Ahead (days) -177 48		
		Projected Phase End Date 8/16/2011			Projected Job End Date 10/15/2011		
		Tan/Int	Rpt Field Est	Cum Field Est	AFE	Cum Var	
		Int Tan	364,042 0	2,307,455 189,181	2,472,319 210,225	164,864 21,045	
Weather Conditions							
		Wind Dir (°)	Wind Spd (knots)	Wave Ht (ft)	P bar (mmHg)	Heave (ft)	Pitch (°) Roll (°)