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

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

HOBBS OCD
NOV 21 2011
RECEIVED

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-32497

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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)

7. Lease Name or Unit Agreement Name
B.F. HARRISON "B"

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 17

2. Name of Operator
CHEVRON U.S.A. INC.

9. OGRID Number 4323

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

10. Pool name or Wildcat
DRINKARD/ABO/TUBB

4. Well Location
Unit Letter D: 990 feet from the NORTH line and 910 feet from the WEST line
Section 9 Township 23-S Range 37-E 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: INTENT TO ACIDIZE, SCALE SQZ W/SONIC HAMMER		OTHER:	

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 INTENDS TO ACIDIZE & SCALE SQUEEZE THE DRINKARD/ABO TUBB/FORMATIONS IN THE SUBJECT WELL USING THE SONIC HAMMER TOOL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144CLEZ INFORMATION.

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: 11-16-2011

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: Mark Whitaker TITLE Compliance Officer DATE 11-23-2011

Conditions of Approval (if any):

NOV 28 2011

B F Harrison B #17 **10.25.2011**
North Teague
Unit Letter D, T23S, R37E, Section 9
Job: Sonic Hammer, Acidize & Scale Squeeze

Procedure:

This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 10/25/2011. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Coordinate with trucking company to deliver brine and mix the Baker SCW-358 Scale Inhibitor. Spot 4 (lined) tanks on location. Two tanks for brine only and the other two for the scale inhibitor mixture.

1. Verify that well does not have pressure or flow. If well has pressure, record tubing and casing pressures. Bleed down well; if necessary, kill with cut brine fluid (8.6 ppg).

   - **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

2. MI & RU workover unit. POOH w/ rods & pump. ND wellhead, unset TAC, NU BOP, PU 2 jts & TAG for fill (TAC 6,016', Bottom Perf 7,036', EOT 7,053', PBTD 7,145'). POOH while scanning 2-3/8" prod tbg. LD all non-yellow band joints. If fill is encountered above 7,060 continue to step 4; otherwise, skip to step 5. Tally pipe out of the hole to verify depths. Send scan report to hccf@chevron.com.

   - **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

3. PU and RIH with 6-1/4' MT bit, 3 (3-1/2" DC's) on 2-7/8" 6.5# L-80 WS and clean out to 7,145'. POOH w/ 2-7/8" tbg string and bit. LD BHA.
   Note: if circulation is not expected, notify Remedial Engineer to discuss CO with air/foam unit.

   - **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

4. Contact sonic tool rep to be on site during job. PU and GIH with Sonic Hammer tool and 2-7/8" L-80 6.5#, work string to 7,045'. Hydro test tbg to 6,000 psi while GIH. Stand back tbg to top perfs. Install stripper head and stand pipe with sufficient treating line to move tools vertically 65'. Rig up pressure gauges to allow monitoring of tbg and csg pressure.

5. MI & RU Petroplex. Treat interval 6,074'-7,036' with 30 bbls of 8.6 ppg cut brine water per stand. Pump down 2-7/8" WS and through Sonic Hammer tool at **5 BPM** while reciprocating tool across the perforating interval. Do not exceed 5,000 psi. Leave annulus open in circulation mode while treating the perforated interval with water.

   Follow the 8.6 ppg cut brine water w/ 6,400 gals 15% NEFE HCl acid. Ensure that enough tbg is made up to cover each ~65' treating interval. Spot 3 bbls of acid outside tbg, shut in and close csg flowback line, pump acid @ 5 BPM over each treatment interval listed in the schedule below, monitor csg pressure and do not exceed 500 psi on backside. Ensure that scheduled volume of acid is pumped across each define treatment interval. Flush tbg w/ 8.6 cut brine, make a connection and continue w/ next interval. See the below treatment intervals.

Interval	Depth	Interval Depth (Ft.)	Acid Volume (gal)
1	6,074'-6,132'	58	700
2	6,146'-6,184'	38	500
3	6,336'-6,391'	55	700
4	6,393'-6,425'	32	400
5	6,430'-6,472'	42	500
6	6,591'-6,610'	19	200
7	6,670'-6,716'	46	600
8	6,726'-6,756'	30	400
9	6,799'-6,854'	55	700
10	6,857'-6,909'	52	600
11	6,919'-6,978'	59	700
12	7,004'-7,036'	32	400
			6400

   Shut in for 1 hrs for the acid to spend. Bleed excess pressure off at surface if necessary to keep casing pressure below 500 psi. Release Petroplex.

6. Pump down 2-7/8" tbg and through Sonic Hammer tool at **5 BPM** for the below listed interval schedule. Prepare Brine water with 8 drums of Baker SCW-358 Scale Inhibitor mixture. Ensure top of tbg is flushed with water before making a connection.

Interval	Depth	Interval Depth (Ft.)	Brine Water Volume (bbls)	SCW-358 Volume (gal)
1	7,004'-7,036'	32	30	30
2	6,919'-6,978'	59	60	50
3	6,857'-6,909'	52	50	40
4	6,799'-6,854'	55	60	50
5	6,726'-6,756'	30	30	30
6	6,670'-6,716'	46	50	40
7	6,591'-6,610'	19	20	20
8	6,430'-6,472'	42	40	30
9	6,393'-6,425'	32	30	30
10	6,336'-6,391'	55	60	50
11	6,146'-6,184'	38	40	30
12	6,074'-6,132'	58	60	50
		Totals	530	450

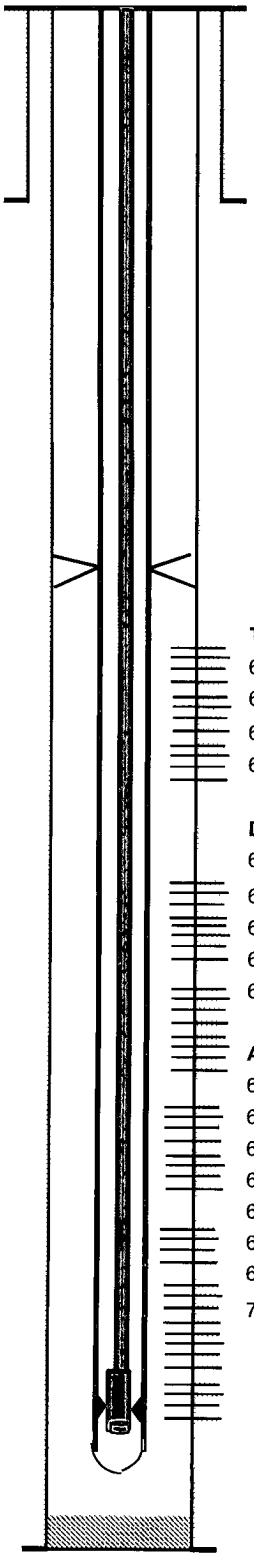
PU to top of perfs. Displace tubing with 8.6 PPG cut brine water to scale squeeze well. Do not exceed **500 psi** casing pressure or **5 BPM** while pumping scale squeeze or casing flush. RD and release pump truck.

7. POH & LD 2-7/8" WS and Sonic Hammer tool.

8. RIH w/ 2-3/8" production tubing and hang off per ALS recommendation. NDBOP. NUWH. RIH w/ rods and pump per ALS. RD and release workover unit.

9. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Lease Name:	B F Harrison B	**Field:**	NM TEAGUE NORTH	**API No. :**	30-025-32497
Well No.	17	**Reservoir:**	TUBB/DRINKARD/ABO (DHC)	**REFNO:**	QY2616
Location:	990'FNL & 910' FWL	**GE:**	3318'	**Spud Date:**	8/4/1994
Unit Letter:	D	**KB:**	3330'	**Comp. Date:**	11/29/1994
Section:	9	**DFE:**	3329'	**County:**	LEA
Twnship/Rnge	23S, 37E	**DHC:**	#2342 APPROVED 5/99	**State:**	NM



Hole Size	12 1/4"
Csg. Size	9 5/8" 36#
Set @:	1180'
Sks. Cmt	550 SKS
TOC @:	SURF
Circ: Y/N	Y

CENT BTM 3 JTS PLUS EVERY 4TH JT TO SURF

CSG ID 8 921"

ASSIGNMENT ALLOWABLE FOR WELL 142 BOPD, 852 MCFGPD, 284 BWPD

TUBB	OIL 21%	GAS 24%
DRINKARD/ABO	OIL 79%	GAS 78%

TAC @ 6016 3'

TUBB PERFS

6074-77', 6080-83', 6087-92'
6106-11', 6116-19', 6123-32'
6146-53', 6161-67', 6169-73'
6178-84', 6190-98'. 118 HOLES

DRINKARD PERFS

6336-40', 6343-50'
6353-55', 6360-64', 6369-81'
6389-91', 6393-98', 6400-05'
6407-14', 6423-25', 6430-37'
6460-64', 6467-72', 132 HOLES

ABO PERFS

6591-96', 6598-6602', 6608-10'
6670-76', 6698-6700', 6714-16'
6726-39', 6753-56', 6799-6801'
6813-15', 6852-54', 6857-60'
6881-88', 6895-97', 6904-09', 6919-24'
6931-36', 6940-44', 6952-54'
6974-78', 7004-08', 7018-21'
7026-28', 7030-32', 7033-36' - 94 HOLES

PBTD: 7145'
TD: 7250'

TBG FIELD DOC 3/00 - NO KB CORRECTION

			DEPTH
192	JTS 2 3/8" J-55	6013 6	
1	TAC 7"	2.7	6016.3
11	JTS 2 3/8" J-55	1005.7	7022
1	SN 2 3/8"	1 1	7023.1
1	PERF NIPPLE		7023 1
1	MA 2 7/8 X 3 1/2	29.87	7052.97
		7052.97	

RODS FIELD DOC 3/00

			DEPTH
1	1.5" X 20' PR	20	
1	8' PONY ROD	8	28
2	2' PONY RODS	4	32
98	7/8" D-87 RODS	2450	2482
171	3/4" D-87 RODS	4275	6757
10	1.5" SINKER BARS	250	7007
1	2"X1 1/4" HHBC W/RH RELEASE	22	7029
1	1/4" GAS ANCHOI	16	7045
		7045	

Hole Size:	8 3/4"
Csg. Size:	7" 23 & 26#
Set @:	7250'
Sks. Cmt.:	4000 SKS
TOC @:	SURF
Circ: Y/N:	Y

CENT BTM 3 JTS PLUS EVERY OTHER JT F/5400'-td. 7" 26# ID 6.276"

Updated: 10/18/2011 By: SEHE