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

HOBBS OCD
NOV 21 2011
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-32496

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 15

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 P: 500 feet from the SOUTH line and 500 feet from the EAST line
Section 5 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 #15 **10.31.2011**
North Teague
Unit Letter B, T23S, R37E, Section 5
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 10/28/2011. 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 with rods & pump. ND wellhead, unset TAC, NU BOP, PU 2 jts & tag for fill (TAC 6,105', Bottom Perfs 7,100', EOT 7,182', PBTD 7,544'). POOH while scanning 2-3/8" prod tbg. LD all non-yellow band joints. If fill is tagged above 7,200' continue to step 3; otherwise, skip to step 4. Strap pipe out of the hole to verify depths. Send scan log 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") drill collars on 2-7/8" 6.5# L-80 WS. RU power swivel and clean out to PBTD at 7,544'. POOH w/ 2-7/8" tbg string and bit. LD bit & 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 7,115'. Hydrotest 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 6,119'-7,100' 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 perforation 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/ 7,800 gals 15% NEFE HCl across the perforation interval. 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	6,119'-6,178'	59	700
2	6,184'-6,236'	52	600
3	6,370'-6,429'	59	700
4	6,432'-6,488'	56	700
5	6,495'-6,548'	53	600
6	6,551'-6,588'	37	400
7	6,641'-6,696'	55	700
8	6,704'-6,745'	41	500
9	6,757'-6,788'	31	400
10	6,838'-6,892'	54	600
11	6,900'-6,950'	50	600
12	6,958'-7,011'	53	600
13	7,039'-7,100'	61	700
			7800

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 10 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	7,039'-7,100'	61	60	50
2	6,958'-7,011'	53	50	40
3	6,900'-6,950'	50	50	40
4	6,838'-6,892'	54	50	40
5	6,757'-6,788'	31	30	30
6	6,704'-6,745'	41	40	30
7	6,641'-6,696'	55	60	50
8	6,551'-6,588'	37	40	30
9	6,495'-6,548'	53	50	40
10	6,432'-6,488'	56	60	50
11	6,370'-6,429'	59	60	50
12	6,184'-6,236'	52	50	40
13	6,119'-6,178'	59	60	50
		Totals	660	540

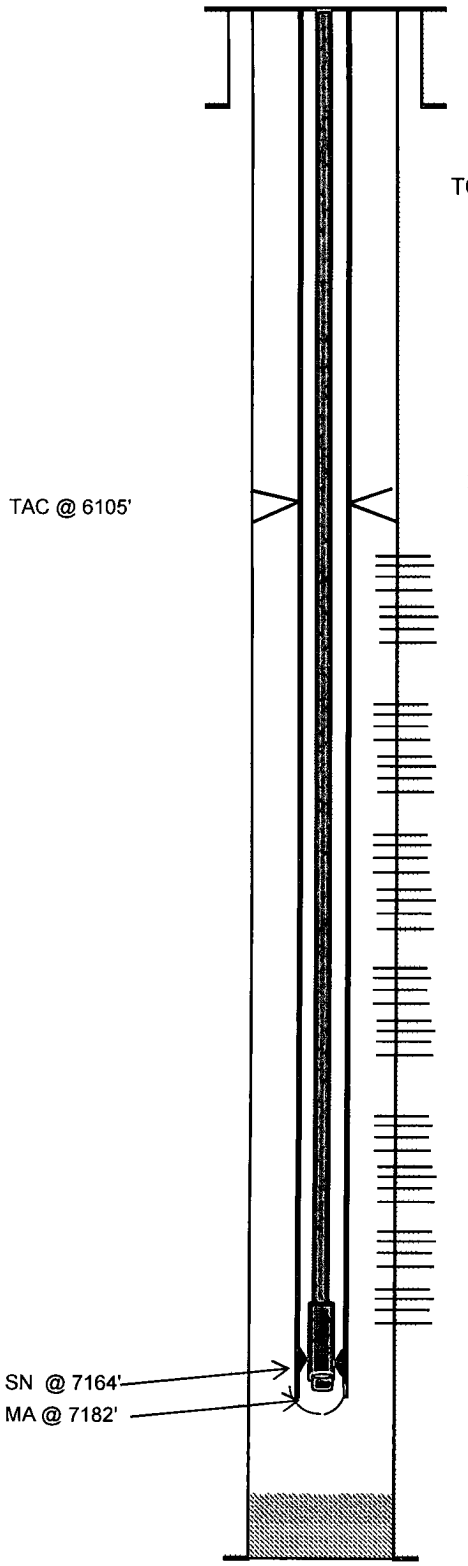
PU to top of perfs. Displace tubing with 8.6 PPG cut brine water to scale squeeze well. Do not exceed **500 psi** casing pressure or **5 BPM** while pumping scale squeeze or casing flush. RD and release pump truck.

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:**	North Teague	**API No. :**	30-025-32496
Well No.	15	**Reservoir:**	Drinkard/Abo/Tubb (DHC)	**REFNO:**	QY2615
Location:	500' FSL & 500' FEL	**GL:**	3326'	**Spud Date:**	6/13/94
Sec.:	5, Unit Letter: P	**KB:**	3338'	**Comp. Date:**	8/1/1994
Twnship:	T23S	**DF:**	3337'	**County:**	Lea
Range:	37E	**Dual Comp Date**	1/1/1995	**State:**	NM
		DHC Approval Date	1/96 DHC 1180		



TOC @ 1500' BY TS

Hole Size	12 1/4"
Csg. Size	9 5/8" 36# K-55
Set @	1180'
Sks Cmt :	600 sks
TOC @:	SURFACE 158 SKS
Circ Y/N	Y

ASSIGNMENT ALLOWABLE NMOCD 1/8/1996

	Oil	Gas
Tubb:	**18%**	**21%**
Drinkard/ABO:	**82%**	**79%**

Perfs

Tubb 11/17/94 (116 holes)

6119-6123 6130-6132 6136-6138 6141-6149
6158-6160 6172-6178 6184-6192 6204-6222
6224-6230 6234-6236

Upper Drinkard 7/12/94 - 2 jspf

6370-6372 6380-6389 6392-6394 6396-6398
6401-6403 6408-6413 6426-6429 6432-6436
6438-6441 6446-6451 6457-6461 6465-6470
6472-6474 6485-6488 6495-6498

Lower Drinkard 7/12/94 - 2 jspf

6530-6532 6534-6540 6542-6548 6551-6555
6559-6561 6564-6566 6576-6578 6580-6588

Upper Abo 7/12/94 - 2 jspf

6641-6643 6648-6653 6657-6665 6668-6672
6676-6679 6682-6688 6694-6696 6704-6712
6724-6727 6742-6745 6757-6761 6771-6779
6782-6788

Lower Abo 7/12/94 - 1 jspf

6838-6841 6858-6862 6877-6882 6690-6892
6900-6904 6916-6920 6940-6944 6946-6950
6958-6962 6964-6967 7009-7011 7039-7042
7044-7048 7050-7052 7059-7062 7071-7078
7080-7088 7094-7100

Hole Size:	8 3/4"
Csg Size	7" 47 jts - 23# J-55
	83 jts 26# K-55 & 46 jts
	23# L-80
Set @	7800'
Cmt	2825 sks cmt
	TOC @ 1500' by TS

2/98 ROD DETAIL

1-1/4" X 26' POLISH ROD	26
2-2' X 7/8" EL PONY RODS	4
93-7/8" EL RODS	2325
186-3/4" EL RODS	4650
6-1 1/2" SNKR BARS	150
2" X 1 1/4 X 20' Axelson PMP	20
W/ON/OFF CPLG	
1" X 10' GAS ANCHOR (slotted0	10
	7185

2/98 Tbg Detail

	KB (not included)	14
190 JTS 2 3/8" J-55	6099.87	6099 87
2 3/8"X7" TAC (2.78)	2.7	6102 57
32 JTS 2 3/8" TBG		
1 JT 2 3/8" IPC	1061 48	7164 05
2 3/8" SN 1.1'	1.1	7165.15
OPSMA 17'	17.1	**7182.25**

Updated: 10/18/2011 By: sehe