Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

RECEIVED
JUL 09 2009
HOBBSOCD

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

Form C-103
June 19, 2008

WELL API NO. 30-025-30200	
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 1
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 TEAGUE NORTH; DRINKARD ABO
4. Well Location Unit Letter C: 593 feet from the NORTH line and 1707 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.)* 3314'GL

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: ADD DRINKARD PAY & ACIDIZE		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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO ADD DRINKARD PERFS & ACIDIZE.
THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

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 07-08-2009

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

For State Use Only

APPROVED BY: TITLE PETROLEUM ENGINEER DATE JUL 13 2009

Conditions of Approval (if any):

BF Harrison B #1
N. Teague
T23S, R37E, Section 9
Job: Add Drinkard Perf & Acidize

WBS #:

Procedure:

1. ***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 6/15/2009. 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.***

2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.

3. MI & RU workover unit. Bleed pressure from well, if any. Remove pump from well. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH w/ rods and pump. Remove WH. Install BOP's and test as required. POH and Scan 2 3/8" tbg. Stand back yellow band 2-3/8" tbg. LD bad tbg.

4. PU & GIH with 6-1/8" MT bit and 2-7/8" L-80 work string to top of 4 ½" liner @ 5040'. Circulate well clean from 5040' using 8.6 ppg cut brine. POH with work string and bit. LD bit.

5. MI & RU Baker WL electric line unit. Install lubricator and test to 2000 psi. GIH with 3 3/8" RHSC Predator casing guns (0.42" EHD & 47" penetration) and perforate from 6369-79', 6412-22', 6450-58', 6480-83', 6500-10', 6513-23', 6530-40', 6548-55', 6558-68' with 2 JSPF at 120 degree phasing, using 32 gram premium charges. POH. RD & release electric line unit. **Note: Correlate logs and use csg collars from Schlumberger GR/CCL log dated 5/13/1998 for depth correction.**

6. PU & GIH with 7" packer on 2 7/8" work string to 5000'. Set pkr @ 5000'. Fill csg w/ 8.6 PPG cut brine. Pressure test csg and pkr to 500 psi. Leave pressure on csg during acid job to observe for communication.

7. MI & RU DS Services. Acidize perfs 6369' - 7028' with 6,300 gals 20% NEFE anti sluge HCl acid* at a max rate of **8 BPM** and a maximum surface pressure of 7000psi, dropping a total of 378, 1.3 SG balls evenly distributed. Displace with 8.6# BW. Record ISIP 5, 10, & 15 minutes.

Top Perf	Bottom Perf	Net Feet	Total Holes
6369	6379	10	20
6412	6422	10	20
6450	6458	8	16
6480	6483	3	6
6500	6510	10	20
6513	6523	10	20
6530	6540	10	20
6548	6555	7	14
6558	6568	10	20
6701	6703	2	4
6727	6729	2	4
6752	6754	2	4
6761	6763	2	4
6774	6782	8	16
6802	6810	8	16
6878	6884	6	12
6895	6899	4	8
6922	6926	4	8
6954	6956	2	4
6962	6966	4	8
7024	7028	4	8
	Total net	**126**	**252**

* Acid system to contain:	2 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agents
	3 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

8. RD DS acid equipment. Leave well SI overnight for acid to spend.

9. Open well. RU swab and swab well recording rates, volumes, pressures, and fluid levels. Report to Engineering.

10. Release pkr and POOH w/pkr. LD pkr and work string.

11. RIH w/ 2-3/8" production tubing to 7100' as before. NDBOP. NUWH. RIH w/ rods and pump per ALS. RD and release workover unit.

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

Engineer – Nami Southern
432-687-7373 Office
979-739-6088 Cell
Engineer – Mike Howell
432-687-7516 Office
432-352-1823 Cell

Well:B. F. Harrison B # 1

Field: **N. Teague**

Reservoir: **Drinkard - Abo**

Location:
593' FNL & 1707' FWL
Section: 9 - C
Township: 23S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3314'
KB: 3332'

Proposed Wellbore Diagram

Oil fee

Well ID Info:
Chevno: IN9677
API No: 30-025-30200
L5/L6: UCU820500
Spud Date: 1/20/88
Compl. Date: 3/27/88

Surf. Csg: 13 3/8", 54.5#, K-55
Set: @ 1180' w/ 1400 sks
Hole Size: 17 1/2"
Circ: Yes **TOC:** Surface
TOC By: Circulated 25sx cmt

Interm. Csg: 9 5/8", 40# L-80
Set: @ 3745' w/ 1950 sks cmt
Hole Size: 12 1/4"
Circ: No **TOC:** 1211' @ DV tool
TOC By: Circulation

DV tool @ 1211'

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Tbg Details

# jts	Size	Footage	Top Depth
	Original KB	18	0
224	2 3/8" EUE 8RD J-55 tbg	7057	18
1	2 3/8" SN	1	7075
1	Perf Sub	4	7076
1	PBMAJ	32	7080
227	EOT	**7112**	7112

7"x4.5" WHETH. Upper Scab Lin. Pkr Ni Coat @ 5040'

4 jts 4 1/2" 7" Scab Liner Pkr

Hole in casing @ 5125'

7"x4.5" WHETH. Low Scab Lin. Pkr Ni Coat @ 5235'

Perfs: **Status:**
6369-79' 6412-22' Drinkard - Open
6450-58' 6480-83' Drinkard - Open
6500-10' 6513-23' Drinkard - Open
6530-40' 6548-55' Drinkard - Open
6558-68' Drinkard - Open

Prod. Csg: 7" 26# &23# S-95 N&L-80
Set: @ 8900' w/ 1125 sks cmt
Hole Size: 8 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs: **Status:**
6701-03' 6727-29' Drinkard - Open
6752-54' 6761-63' Drinkard - Open
6774-82' 6802-10' Drinkard - Open
6878-84' 6895-99' Drinkard - Open
6922-26' 6954-56' Drinkard - Open
6962-66' 7024-28' Drinkard - Open

CIBP @ 8560'

5" 15# K-55 OD Flush Joint Liner
f/ 8601 - 10250. Cmtd w/ 375 sx

CIBP: 10,100' w/ 35' cmt on top

Perfs: **Status:**
10182-10226' Ellenburger Oil - Below BP

PBTD: 8658'
TD: 10250'
Updated: 6/22/09
By: N. Southern

Well:B. F. Harrison B # 1

Field: **N. Teague**

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Updated: 6/22/09
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