Submit 3 copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-32159

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 DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI (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

2. Name of Operator: CHEVRON USA INC

8. Well No. 18

3. Address of Operator: 15 SMITH RD, MIDLAND, TX 79705

9. Pool Name or Wildcat: TEAGUE GLORIETA-UPPER PADDOCK, SOUTHWEST

4. Well Location

Unit Letter D : 990 Feet From The NORTH Line and 660 Feet From The WEST Line

Section 9 Township 23-SO Range 37-EA NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.) GR-3319', KB-3331'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

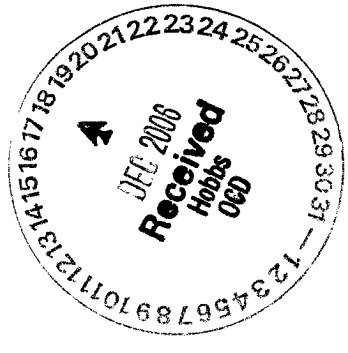
NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPERATION	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER: CMT SQZ HORIZONTAL LATERAL & COMPLETE	☑			OTHER:			☐

12. 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.

CHEVRON U.S.A. INC. INTENDS TO CMT SQZ THE HORIZONTAL LATERAL IN THE SUBJECT WELL & RECOMPLETE DEEPER IN THE GLORIETA/PADDOCK RESERVOIR.

THE INTENDED PROCEDURE, & CURRENT & PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

A PIT WILL NOT BE USED FOR THIS WORKOVER. A STEEL FRAC TANK WILL BE UTILIZED.



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 12/13/2006

TYPE OR PRINT NAME Denise Pinkerton Telephone No. 432-687-7375

(This space for State Use)

APPROVED Chris Williams DISTRICT SUPERVISOR/GENERAL MANAGER

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE FEB 21 2007

DeSoto/Nichols 12-93 ver 1.0

B. F. Harrison B # 18H
Teague North Field
T23S, R37E, Section 9
Job: Cement Squeeze Lateral And Recomplete Deeper In Glorieta/Paddock

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 11/14/2006. 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 pulling unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH with rods and pump. Remove WH. Install BOP's and test as required. POH with 2 7/8" tbg string. LD TAC.

4. PU and GIH with 4 ¾" MT bit and 2 7/8" work string to PBTD at 4986'. POH with 2 7/8" work string and bit. LD bit.

5. PU & GIH with 5 ½" sqz pkr on 2 7/8" work string to 4900'. Set pkr at 4900'. Pressure test pkr, sqzd perfs, and csg to 350 psi. If csg tests good, pump down tbg and establish injection rate and pressure into horizontal lateral using 8.6 PPG cut brine water. Report injection rate and pressure to WEO Engineer for cement design/tool type. **Note: If csg will not test satisfactorily, GIH with RBP and pkr and pressure test sqzd perfs separately (3896-3994' and 4686-4874') to determine which set has broken down. Discuss test results with Engineering before proceeding.** Release pkr. POH with 2 7/8" work string and pkr. LD pkr. PU & GIH with 5 ½" tbg-set CICR on 2 7/8" work string to 4900', testing to 5500 psi. Set CICR at 4900'. Pressure test pkr and csg to 350 psi. **Note: Do not exceed 350 psi casing pressure due to cmt sqzd perfs from 3896-3994' and 4686-4874'.** Leave pressure on casing while cmt squeezing. Establish injection rate into horizontal lateral from 4980-6150' MD. Report injection rate and pressure to WEO Engineer for cement design/tool type.

6. RU DS Services cementing equipment. Cement squeeze horizontal lateral using Class C cement mixed to 14.8 PPG w/ 1.35 CFY. Attempt to achieve at least 1000 psi surface squeeze pressure. Sting out of CICR. Reverse out excess cement. POH

with 2 7/8" work string and stinger. LD stinger. RD and release DS Services cementing equipment. Shut well in and WOC overnight.

7. Open well and bleed off any pressure. PU and GIH with 4 ¾" MT bit, DC's, and stabilizers on 2 7/8" work string to top of CICR at 4900'. Drill out CICR and cement to top of CIBP at 4986'. Reverse circulate well clean from 4986' using 8.6 PPG cut brine water. Pressure test casing and sqzd lateral to 350 psi. If lateral leaks, repeat cmt sqz procedure. **Note: Since well is a producer, a slight pressure loss is acceptable.** Drill out CIBP at 4986'. Cleanout 5 ½" casing and 4 ¾" open-hole to TD at 5400'. Reverse circulate well clean from 5400', if possible. POH with 2 7/8" work string and BHA. LD BHA.

8. PU & GIH 5 ½" treating pkr on 2 7/8" work string to approximately 4900'. Set pkr at 4900'. Pressure test casing and sqzd perfs to 350 psi. Leave pressure on casing during acid job and monitor for communication.

9 MI & RU DS Services. Acidize open-hole interval from 5000-5400' with 6,000 gals antisludge 15% HCl acid *** at a maximum rate of **6 BPM** and a maximum surface pressure of **3500 psi**. Pump job as follows:

Pump 1,500 gals acid at 6 BPM
Pump 1,000 gals gelled 10 PPG brine containing 1500 lbs GRS at 6 BPM
Pump 1,500 gals acid at 6 BPM
Pump 1,000 gals gelled 10 PPG brine containing 1500 lbs GRS at 6 BPM
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Pump 1,000 gals gelled 10 PPG brine containing 1500 lbs GRS at 6 BPM
Pump 1,500 gals acid at 6 BPM

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. Record ISIP, 5, 10, & 15 minute SIP's. RD and release DS Services. **Note: Pickle tubing in 1 run of 500 gals acid, prior to acidizing perfs. Pickle acid is to contain only 1/2 gal A264 and 1 gal W53.**

*** Acid system is to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agent
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

10 **Shut well in for 2 hours for acid to spend**. Open well and flow/swab back spent treatment fluids. Recover 100% of spent acid and load before SI well for the night. Report oil cut, recovered fluid volumes, pressures, and/or swabbing fluid levels.

11 Open well. Pump down tbg with 8.6 PPG cut brine water to kill well, if necessary. Release pkr. POH with 2 7/8" work string and packer. LD pkr.

12 PU 4 ¾" MT bit and GIH on 2 7/8" work string to TD at 5400'. If fill is encountered, MI & RU air unit and cleanout to 5400' using foam. POH with 2 7/8" work string and MT bit. LD MT bit.

13. PU and GIH w/ BP mud anchor jt of 2 7/8" tbg, 2 7/8" x 4' perforated sub, SN, 1 jt 2 7/8" EUE 8R J-55 IPC tbg, 46 jts 2 7/8" EUE 8R J-55 tbg, TAC, and 122 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 3800', with EOT at 5300' and SN at 5265'.

14. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release pulling unit.

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

AMH
11/15/06

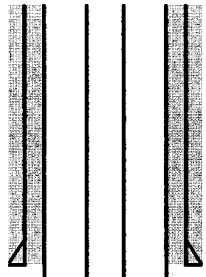
Well: **B. F. Harrison B # 18H** Field: **Teague North** Reservoir: **Glorieta/Paddock**

Location:
990' FNL & 660' FWL
Section: 9
Township: 23S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3319'
KB: 3331'
DF: 3330'

Current Wellbore Diagram

Well ID Info:
Chevno: QU2088
API No: 30-025-32159
L5/L6: U820500
Spud Date: 9/5/93
Compl. Date: 11/19/93



Surface Csg: 8 5/8", 24#, WC-50
Set: @ 1180' w/ 650 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

This wellbore diagram 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 the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	12.00
122	Jts. 2 7/8" EUE 8R J-55 Tbg	3786.51
	TAC	2.70
35	Jts. 2 7/8" EUE 8R J-55 Tbg	1093.46
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	30.03
	SN	1.10
1	Jt. 3 1/2" EUE Slotted Tbg	31.70
	Bull Plug	0.50
159	**Bottom Of String >>**	4958.00

Perfs:	Status:
3896-3902'	San Andres - Cmt Sqzd
3926-40'	San Andres - Cmt Sqzd
3960'	San Andres - Cmt Sqzd
3964-70'	San Andres - Cmt Sqzd
3982'	San Andres - Cmt Sqzd
3986-94'	San Andres - Cmt Sqzd
4686-94'	San Andres - Cmt Sqzd
4700-04'	San Andres - Cmt Sqzd
4711-14'	San Andres - Cmt Sqzd
4721-23'	San Andres - Cmt Sqzd
4734-38'	San Andres - Cmt Sqzd
4860-74'	San Andres - Cmt Sqzd

TOW @ 4975'
BOW @ 4980'

CIBP @ 4986'
(no cmt on top)

TD of Glorieta/U. Paddock lateral @ 6150' MD

Prod. Csg: 5 1/2", 15.5 & 17#, J-55
Set: @ 5000' w/ 1225 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 1300'
TOC By: Temperature Survey
(250 sks cmt pumped down 8 5/8" x 5 1/2" annulus 9/93)

COTD: 4986'
PBTD: 4986'
TVD: 5400'

Updated: 11/14/2006 **By:** A. M. Howell

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Proposed
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L5/L6: U820500
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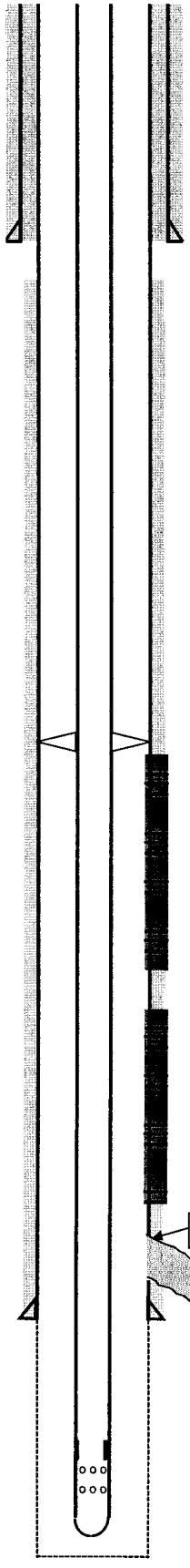

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	SN	1.10
	2 7/8" x 4' Perf Tbg Sub	4.00
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.00
	Bull Plug	0.50
170	**Bottom Of String >>**	5295.73

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Lateral Cement Sqzd

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Updated: 11/14/2006 By: A. M. Howell