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. 30-025-32227

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: F.B. DAVIS

1. Type of Well: OIL WELL ☑ GAS WELL ☐ OTHER

2. Name of Operator: CHEVRON USA INC

8. Well No. 2

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

9. Pool Name or Wildcat: TGE GLORIETA UPR PADDOCK; SW

4. Well Location

Unit Letter A : 510 Feet From The N Line and 500 Feet From The E Line

Section 8 Township 23S Range 37E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.) GR=3323

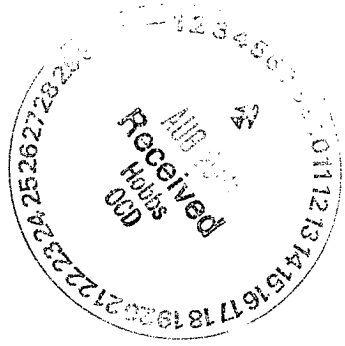
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

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: ADD PERFS, ACIDIZE, SCALE SQUEEZE	☑			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 ADD PERFS IN THE GLORIETA/UPPER PADDOCK FORMATION, ACIDIZE & SCALE SQUEEZE.

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



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 8/3/2006

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

(This space for State Use)

APPROVED
CONDITIONS OF APPROVAL, IF ANY: TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE AUG 09 2006

DeSoto/Nichols 12-93 ver 1.0

F. B. Davis # 2
Teague Glorieta/Upper Paddock; SW Field
T23S, R37E, Section 8
WBS # UWDOL-R6292
Job: Add Perfs In Glorieta/Upper Paddock Formation, Acidize, And Scale Squeeze

Procedure:

1. 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.

2. 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. Remove WH. Install BOP's and test to 1000 psi. POH with 2 7/8" tbg string and TAC. LD TAC.

3. PU and GIH with 4 ¾" MT bit and 2 7/8" work string to 5359'. Establish reverse circulation using 8.6 PPG cut brine water. **Note: If well will not circulate, MI&RU air unit and clean out using foam.** LD and drill out fill, float collar, and cement in 5 ½" casing to 5390'. Reverse circulate well clean from 5390'. POH with work string and bit. LD bit.

4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 1000 psi. GIH with 3 3/8" Predator casing guns and perforate from 5090-94', 5199-5203', 5236-40', and 5360-68' with 4 JSPF at 120 degree phasing, using 32 gram premium charges. POH. RD & release electric line unit. **Note: Use casing collars from Halliburton GR/CCL Log dated 1/7/94 for depth correction.**

5. PU and GIH w/ 5 ½" PPI pkr (with 20' element spacing) and SCV on 2 7/8" work string to approximately 5050'. Test tbg to 5500 psi while GIH.

6. MI & RU DS Services. Acidize perfs 5090-5368' with 2,500 gals anti-sludge 15% HCl acid * at a maximum rate **as shown below** and a maximum surface pressure of **3500 psi**. Spot acid across perfs at beginning of each stage and let soak to lower breakdown pressure and prevent communication. Pump job as follows:

Interval	Amt. Acid	Max Rate	PPI Setting
5360-68'	400 gals	½ BPM	5349-69'
5286-90'	200 gals	1 BPM	5280-5300'
5236-40'	200 gals	½ BPM	5230-50'
5206-13'	300 gals	1 BPM	5205-25'
5192-5203'	400 gals	1 BPM	5185-5205'
5120-36'	800 gals	1 BPM	5118-38'
5090-94'	200 gals	½ BPM	5080-5100'

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 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. Also, if communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 1000 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.**

* 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

7. Release PPI pkr and PUH to approximately 5050'. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing fluid levels. **Note: Selectively swab perfs as directed by Engineering if excessive water is produced.**

8. Open well. MI & RU pump truck. Pump down tbg with 50 bbls 8.6 PPG cut brine water containing 110 gals Baker RE-4777 Scale Inhibitor followed by 200 bbls 8.6 PPG cut brine water at **5 BPM** and **2500 psi maximum pressure**. RD and release pump truck. Release PPI pkr. POH with 2 7/8" work string. LD 2 7/8" work string and PPI packer.

9. 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, 10 jts 2 7/8" EUE 8R J-55 tbg, TAC, and 117 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 3625', with EOT at 4000' and SN at 3965'.

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

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

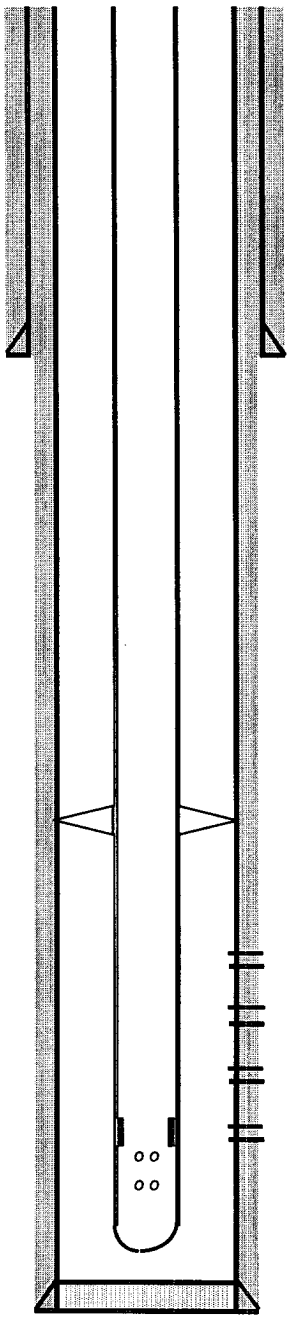
AMH
8/2/2006

Well: **F. B. Davis # 2** Field: **Teague Glorieta/Upper Paddock; SW** Reservoir: **Glorieta/Paddock**

Location:
510' FNL & 500' FEL
Section: 8
Township: 23S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3323'
KB: 3337'
DF: 3336'

Current Wellbore Diagram



Well ID Info:
Chevno: QU1904
API No: 30-025-32227
L5/L6: U820600
Spud Date: 12/8/93
Compl. Date: 1/24/94

Surface Csg: 8 5/8", 24# WC-50
Set: @ 1185' w/ 625 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	14.00
165	Jts. 2 7/8" EUE 8R J-55 Tbg	5115.00
	TAC	3.15
3	Jts. 2 7/8" EUE 8R J-55 Tbg	93.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	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 >>**	5292.75

Perfs:	Status:
5120'-36'	Glorieta/Upper Paddock - Open
5192'-96'	Glorieta/Upper Paddock - Open
5206'-13'	Glorieta/Upper Paddock - Open
5286'-90'	Glorieta/Upper Paddock - Open

COTD: 5359'
PBTD: 5359'
TD: 5400'

Updated: 6/13/06

By: Richard A. Jenkins

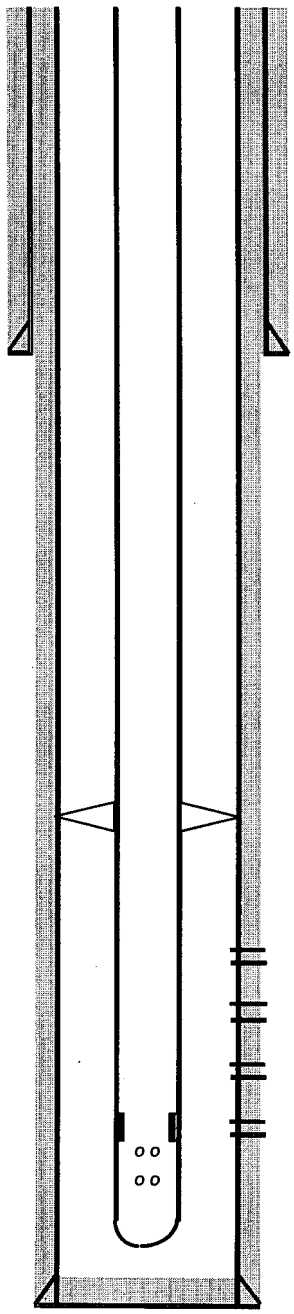
Prod. Csg: 5 1/2" 15.5# J-55 & WC-50
Set: @ 5400' w/ 1170 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Well: **F. B. Davis # 2** Field: **Teague Glorieta/Upper Paddock; SW** Reservoir: **Glorieta/Paddock**

Location:
510' FNL & 500' FEL
Section: 8
Township: 23S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3323'
KB: 3337'
DF: 3336'

Proposed Wellbore Diagram



Well ID Info:
Chevno: QU1904
API No: 30-025-32227
L5/L6: U820600
Spud Date: 12/8/93
Compl. Date: 1/24/94

Surface Csg: 8 5/8", 24# WC-50
Set: @ 1185' w/ 625 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	14.00
163	Jts. 2 7/8" EUE 8R J-55 Tbg	5053.00
	TAC	3.15
6	Jts. 2 7/8" EUE 8R J-55 Tbg	186.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	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
171	**Bottom Of String >>**	5323.75

Perfs: **Status:**
5090'-94' Glorieta/Upper Paddock - Open
5120'-36' Glorieta/Upper Paddock - Open
5192'-96' Glorieta/Upper Paddock - Open
5199'-5203' Glorieta/Upper Paddock - Open
5206'-13' Glorieta/Upper Paddock - Open
5236'-40' Glorieta/Upper Paddock - Open
5286'-90' Glorieta/Upper Paddock - Open
5360'-68' Glorieta/Upper Paddock - Open

COTD: 5390'
PBTD: 5390'
TD: 5400'

Updated: 6/13/06

By: Richard A. Jenkins

Prod. Csg: 5 1/2" 15.5# J-55 & WC-50
Set: @ 5400' w/ 1170 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated