

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
New Orleans Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

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

2. Name of Operator
CHEVRON USA INC

3. Address and Telephone No. 15 SMITH ROAD, MIDLAND, TX 79705 915-687-737

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter F : 2310 Feet From The NORTH Line and 1650 Feet From The
WEST Line Section 35 Township 24-S Range 37-E

5. Lease Designation and Serial No.

NM-14218

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

C. C. FRISTOE B FEDERAL NCT-2

17

9. API Well No.

30-025-33383

10. Field and Pool, Exploaratory Area

LANGLIE MATTIX 7 RV QN GRAYBURG

11. County or Parish, State

LEA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

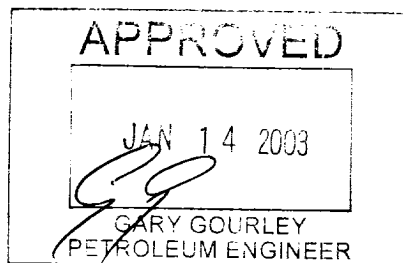
- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ OTHER: RECOMP TO GRAYBURG

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHEVRON U.S.A. INC. INTENDS TO RECOMPLETE THE SUBJECT WELL TO THE GRAYBURG FIELD. THE INTENDED PROCEDURE IS ATTACHED.



1
Hobbs
OCC

14. I hereby certify that the foregoing is true and correct

SIGNATURE *Denise Leake*

TITLE Regulatory Specialist

DATE 1/10/2003

TYPE OR PRINT NAME Denise Leake

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

GWW

C. C. Fristoe B Fed NCT-2 No. 17
Grayburg Completion Procedure
Lea County, New Mexico

API NO: 30-025-33383

Well: C. C. Fristoe B Fed NCT-2 No. 17

WBS Number(s): UWPNM-D2029-DRL	\$
UWPNM-D2029-COM	\$
UWPNM-D2029-FAC	\$

Well Location:

Section: 35 **Township:** 24S **Range:** 37E

Surface Location: 2310' FNL & 1650' FWL

Lea County, New Mexico

Current Status:

Status: Pumping

Production: 3 BOPD, 8 BWPD, 20 MCFD

Formation: Tubb-Drinkard

Objectives

1. Abandon Tubb-Drinkard.
2. Perforate Grayburg and break down with acid.
3. Swab test the Grayburg to determine fluid entry rate.
4. Run production equipment and turn well over to operations.

Procedure

NOTE: Use 2% KCL water for all operations.

1. MIRU PU. NDWH. NU BOP and EPA. Pressure test BOP to 1,500 psi.
2. POH with rods, pump and tubing. PU and RIH with 4-3/4" bit on a 2-7/8" tubing and CO to top of whipstock @ 5852'. POH.
3. RIH with CIBP and set @ 5820'. Dump 30' cmt on top of CIBP. RIH with CIBP and set @ 5100'. Dump 30' cmt on top of CIBP.
4. Circulate hole clean using 2% KCL water. Pull up to 3615' and spot 500 gal 15% HCL. POOH with tubing.
5. MIRU Baker Atlas. Run a correlation log and tie into Schlumberger TLD/CNL/NGT dated 6/13/96. Perforate the following intervals using Baker's 3-1/8" Slick Guns loaded with 4 SPF, premium charge, at 120° phasing:

3,520' – 3,527'

C. C. Fristoe B Fed NCT-21 . 17
Grayburg Completion Procedure
Lea County, New Mexico

API NO: 30-025-33383

3,531' – 3,541'
3,548' – 3,553'
3,556' – 3,561'
3,564' – 3,571'
3,577' – 3,580'
3,587' – 3,592'
3,605' – 3,607'
3,609' – 3,615'

6. PU and RIH with 5-1/2" Treating PKR with a 2-7/8" mandrel, on/off tool with 2.25" F profile nipple on 2-7/8" tubing, while hydrotesting to 3,000 psi. Set PKR @ +/- 3,450'.
7. MIRU Schlumberger. Perform acid stimulation as follows:

Acid Treatment:

Acid stimulate with **3,000 gallons of 15% HCL** at **4-5 BPM** and **3,500 PSI** maximum treating pressure using **350 - 7/8", 1.3 SG. ball sealers** for diversion. See Fluid Specifications.

- Hold pre-job safety meeting. Pressure test lines to 5,000 psi. Pressure annulus to 500 psi. Monitor and record annulus pressure throughout the job.

Pump job as follows:

Stage 1: Pump 500 gallons of 15% HCL and then start dropping 7/8", 1.3 SG. ball sealers continuously throughout the remainder of the acid job. Overflush with 23 bbls of 2% KCL water. Surge off ball sealers.

Record ISIP, 5, 10 and 15 min. SIP. Wait 2 hrs (at least 1 hr and maximum 3 hrs).

8. RDMO Schlumberger. Send job data files to the following e-mail addresses:
wakefms@ChevronTexaco.com
9. Swab or Flow back acid load (+/- 95 bbls) into frac tank catching samples from the well for Schlumberger analysis. Record recovered volumes, pressures, and fluid levels. If well flows, set plug in profile, release on/off tool, displace annulus with packer fluid, sting back into on/off tool. ND BOP. NWH. RIH and swab FL in tubing until differential across plug is balanced. Retrieve plug & swab well to initiate flow (if needed). RDMO PU. Skip 10-21.
10. If well does not flow, release and POOH w/ 5-1/2" Treating PKR and on/off tool.
11. RIH with RBP and set @ 3510'. Pressure test plug to 1500 psi. Circulate hole clean using 2% KCL water. Spot 500 gal 15% HCL. POOH with tubing.
12. MIRU Baker Atlas. Tie into Schlumberger TLD/CNL/NGT dated 6/13/96. Perforate the following intervals using Baker's 3-1/8" Slick Guns loaded with 4 SPF, premium charge, at 120° phasing:

C. C. Fristoe B Fed NCT-21 . 17
Grayburg Completion Procedure
Lea County, New Mexico

API NO: 30-025-33383

3,461' – 3,463'
3,465' – 3,467'
3,472' – 3,474'
3,477' – 3,480'
3,482' – 3,484'
3,489' – 3,491'
3,494' – 3,496'

13. PU and RIH with 5-1/2" Treating PKR with a 2-7/8" mandrel, on/off tool with 2.25" F profile nipple on 2-7/8" tubing, while hydrotesting to 3,000 psi. Set PKR @ +/- 3,375'.

14. MIRU Schlumberger. Perform acid stimulation as follows:

Acid Treatment:

Acid stimulate with **2,000 gallons of 15% HCL** at **4-5 BPM** and **3,500 PSI** maximum treating pressure using **130 - 7/8", 1.3 SG. ball sealers** for diversion. See Fluid Specifications.

- Hold pre-job safety meeting. Pressure test lines to 5,000 psi. Pressure annulus to 500 psi. Monitor and record annulus pressure throughout the job.

Pump job as follows:

Stage 1: Pump 500 gallons of 15% HCL and then start dropping 7/8", 1.3 SG. ball sealers continuously throughout the remainder of the acid job. Overflush with 20 bbls of 2% KCL water. Surge off ball sealers.

Record ISIP, 5, 10 and 15 min. SIP. Wait 2 hrs (at least 1 hr and maximum 3 hrs).

15. RDMO Schlumberger. Send job data files to the following e-mail addresses:
wakefms@ChevronTexaco.com

16. Swab or Flow back acid load (+/- 70 bbls) into frac tank catching samples from the well for Schlumberger analysis. Record recovered volumes, pressures, and fluid levels. If well flows, set plug in profile, release on/off tool, displace annulus with packer fluid, sting back into on/off tool. ND BOP. NWH. RIH and swab FL in tubing until differential across plug is balanced. Retrieve plug & swab well to initiate flow (if needed). RDMO PU. Skip 17-21.

17. If well does not flow, release and POOH w/ 5-1/2" Treating PKR and on/off tool.

18. RIH with a notched collar on a 2-7/8" tubing and C/O to PBTD (3510'). Circulate hole clean. POOH with notched collar and tubing.

19. RIH with retrieving head and release RBP. POOH.

RECEIVED
Hobbs
OCD

C. C. Fristoe B Fed NCT-2 17
Grayburg Completion Procedure
Lea County, New Mexico

API NO: 30-025-33383

20. Run production equipment as per ALS recommendation.

21. ND BOP and EPA. NUWH. RDMO PU.

22. Turn over to Operations. Report daily oil and water volume produced and fluid level until well stabilizes.

Mark S. Wakefield

January 8, 2003

RECEIVED
Hotbs
OCD

C. C. Fristoe B Fed NCT-2 I 17
Grayburg Completion Procedure
Lea County, New Mexico

API NO: 30-025-33383

Fluid Specifications

Acid Stimulation:

15% HCL Acid

1.00 gal/mgal	A264 (Corrosion Inhibitor)
8.00 gal/mgal	L63 (Iron Reducing Agent)
3.00 lbm/mgal	A179 (Corrosion Inhibitor Aid)
2.00 gal/mgal	W53 (Non-emulsifying Agent)
20.00 gal/mgal	U66 (Mutual Solvent)

FILED
Hobbs
OCD

C. C. Fristoe B Fed NCT-21 . 17
Grayburg Completion Procedure
Lea County, New Mexico

API NO: 30-025-33383

Contact Names and Numbers

	Office	Home	Cellular
Mark Wakefield	Production Engineer, Midland		
	Office	(915) 687-7287	
	Home	(915) 520-0167	
Cory Hoffman	Geologist, Midland		
	Office	(915) 687-7267	
	Home	(915) 699-6544	
	Cellular	(915) 559-3741	
Nathan Mouser	Operations Supervisor, Eunice		
	Office	(505) 394-1247	
	Cellular	(505) 390-7192	
	Home	(505) 392-4188	
Bobby McCurry	Artificial lift Specialist, Eunice		
	Office	(505) 394-1229	
	Cellular	(505) 631-9127	
Felix Trevino	Artificial lift Specialist, Eunice		
	Office	(505) 394-1245	
	Cellular	(505) 390-7180	
Larry Williams	MP2 Planner, Eunice		
	Office	(505) 394-1221	
	Cellular	(505) 390-7165	
Rick Massey	Safety Specialist, Eunice		
	Office	(505) 394-1237	
	Cellular	(505) 390-7188	