

OCD - HOBBS

Form 3160-5
(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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 RD, MIDLAND, TX 79705

432-687-737

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter J : 2310 Feet From The SOUTH Line and 2310 Feet From The

EAST Line Section 26 Township 24S Range 37E

5. Lease Designation and Serial No.

NM-14218

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

C.C. FRISTOE 'B' FEDERAL NCT-2

12

9. API Well No.

30-025-22032

10. Field and Pool, Exploratory Area

LANGLIE MATTIX 7 RVR 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
☐ Attaching Casing
☒ OTHER: RETURN TO PRODUCTION
- ☐ 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.)

2-01-06: MIRU. LD RODS & K-BARS. (PITTING AND WEAR) PUMP 100 BCB DN ANN & TBG. TIH W/TBG TO 3710.

2-02-06: TIH W/BHA WHILE PICKING UP INSPECTED TBG TO FHD OF 3605'. SET TAC W/12000# TENSION. TIH W/PUMP WHILE PICKING UP K BARS & 3/4" RODS.

2-03-06: SPACE & HANG ON. LOAD & TEST. LONGSTROKE PUMP. RIG DOWN.

TD: 6140'

PBTD: 5065'

PERFS: 3473-3558'

TBG: 2 3/8" SET @ 3605'

SN @ 3582'

TBG ANCHOR OR PKR @ 3390'

PMP SIZE: 2.0X1.25X16X3'

WELL IS ON INACTIVE WELL LIST.

2-12-06: ON 24 HR OPT. PUMPING 11 OIL, 61 GAS, & 30 WATER. GOR-5575

ACCEPTED FOR RECORD

MAR 15 2006

LES BABYAK
PETROLEUM ENGINEER

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

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist

DATE 3/2/2006

TYPE OR PRINT NAME Denise Pinkerton

(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.

OCD-HOBBS

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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

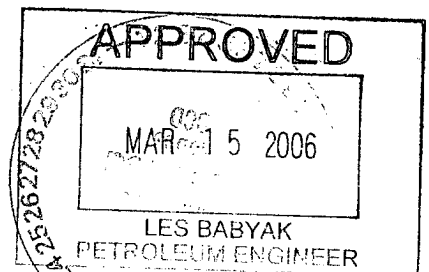
- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Attlering Casing
-
- ☒
- OTHER: ADD PERFS, ACIDIZE, SQZ
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

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

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CHEVRON U.S.A. INC. INTENDS TO ADD PERFS IN THE GRAYBURG FORMATION, ACIDIZE, & SCALE INHIBITOR SQUEEZE.

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



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

SIGNATURE *Denise Pinkerton* TITLE Regulatory Specialist

DATE 3/3/2006

TYPE OR PRINT NAME Denise Pinkerton

(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.

C. C. Fristoe Fed B (NCT-2) # 12

Langlie Mattix Field

T24S, R37E, Section 26

WBS # UWDOL-R6

Job: Add Perfs In Grayburg Formation, Acidize, And Scale Inhibitor Squeeze

Procedure:

1. Install flowline. 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 Randy Crawford 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 workover 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 csg and BOP's to 2000 psi. Release TAC. POH with 2 3/8" tbg string. LD TAC.
3. PU and GIH with 3 7/8" MT bit and 2 3/8" work string to 4500'. Establish reverse circulation using 8.6 PPG cut brine water, if possible. Reverse circulate well clean from 4500' using 8.6 PPG cut brine water. POH with work string and bit. LD bit.
Note: If well will not circulate and fill is found above 4500', use air unit and clean out using foam.
4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 2000 psi. GIH with 3 1/8" slick casing guns and perforate from 3352-56', 3360-66', 3374-80', 3384-88', 3392-98', 3408-12', 3417-25', 3434-40', 3448-56', 3462-66', 3570-78', 3582-92', 3598-3607', 3612-16', 3620-30', 3641-49', 3656-66', 3676-82', 3686-90', and 3694-98' with 4 JSPF at 120 degree phasing, using 23 gram premium charges. POH. RD & release electric line unit. **Note: Use casing collars from Baker Atlas GR/CBL/CCL Log conducted 11/26/2003 for depth correction.**
5. PU and GIH w/ 4 1/2" PPI pkr (with 12' element spacing) and SCV on 2 3/8" work string to approximately 3350'. Test tbg to 5500 psi while GIH.
6. MI & RU DS Services. Acidize perfs 3352-3698' with 8,500 gals anti-sludge 15% HCl acid * at a maximum rate **as shown below** and a maximum surface pressure of **2500 psi**. Spot acid to bottom of tbg at beginning of each stage. Pump job as follows:

Interval	Amt. Acid	Max Rate	PPI Setting
3694-98'	200 gals	1 BPM	3692-3704'
3686-90'	200 gals	1 BPM	3682-94'

3676-82'	300 gals	1 BPM	3672-84'
3656-66'	500 gals	1 BPM	3655-67'
3641-49'	400 gals	1 BPM	3639-51'
3620-30'	500 gals	1 BPM	3619-31'
3612-16'	200 gals	1 BPM	3607.5-19.5'
3598-3607'	400 gals	1 BPM	3597-3609'
3582-92'	500 gals	1 BPM	3581-93'
3570-78'	400 gals	1 BPM	3568-80'
3546-58'	500 gals	1 BPM	3546-58'
3522-32'	500 gals	1 BPM	3521-33'
3511-14'	200 gals	1 BPM	3508-20'
3496-3505'	400 gals	1 BPM	3495-3507'
3473-83'	500 gals	1 BPM	3472-84'
3462-66'	200 gals	1 BPM	3458-70'
3448-56'	400 gals	1 BPM	3447-59'
3434-40'	300 gals	1 BPM	3432-44'
3417-25'	400 gals	1 BPM	3416-28'
3408-12'	200 gals	1 BPM	3402-14'
3392-98'	300 gals	1 BPM	3390-3402'
3384-88'	200 gals	1 BPM	3380-92'
3374-80'	300 gals	1 BPM	3370-82'
3360-66'	300 gals	1 BPM	3358-70'
3352-56'	200 gals	1 BPM	3346-58'

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 500 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 3325'. 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 LD 2 3/8" work string and PPI packer.
9. PU and GIH w/ BP mud anchor jt of 2 3/8" tbg, 2 3/8" x 4' perforated sub, SN, 1 jt. 2 3/8" EUE 8R J-55 IPC tbg, 13 jts 2 3/8" EUE 8R J-55 tbg, TAC, and 105 jts 2 3/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 3265', with EOT at 3739' and SN at 3702'.
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
2/27/2006

Well: C. C. Fristoe Fed B (NCT-2) # 12

Field: Langlie Mattix

Reservoir: Grayburg

Location:
2310' FSL & 2310' FEL
Section: 26
Township: 24S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3181'
KB: 3194'
DF: 3193'

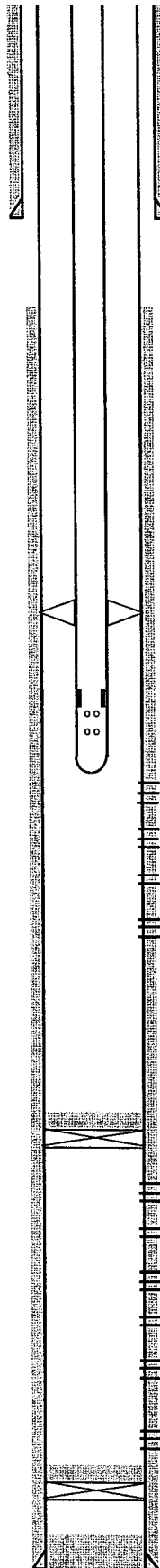
Current
Wellbore Diagram

Well ID Info:
Chevno: FG0188
API No: 30-025-22032
LS/LG: UCU727600
Spud Date: 2/17/1967
Compl. Date: 3/22/1967

Surf. Csg: 8 5/8", 17.28#, SW
Set: @ 973' w/ 550 sks
Hole Size: 11"
Circ: Yes TOC: Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	13.00
106	Jts. 2 3/8" EUE 8R J-55 Tbg	3128.16
	TAC	2.70
7	Jts. 2 3/8" EUE 8R J-55 Tbg	208.88
	SN	1.10
	2 3/8" x 4" Perf Tbg Sub	4.10
1	Jl. 2 3/8" EUE 8R J-55 Tbg	30.95
	Bull Plug	0.50
114	Bottom Of String >>	3389.39



Perfs:
3473-83' Grayburg - Open
3496-3505' Grayburg - Open
3511-14' Grayburg - Open
3522-32' Grayburg - Open
3546-58' Grayburg - Open

CIBP @ 5100'
(35' cmt on top)

Blindbry Perfs - Below CIBP

5120-54'	5355'	5602'
5160-74'	5368'	5609'
5205'	5386'	5622'
5213'	5395'	5657'
5219'	5411'	5669'
5225'	5414-18'	5681'
5239'	5424-32'	5690'
5242-46'	5440'	5702'
5247'	5460-72'	5722'
5256'	5486'	5738'
5265'	5501'	5756'
5276-80'	5528'	5790'
5283'	5541'	5802'
5302'	5559'	
5335'	5576'	

CIBP @ 5950'
(35' cmt on top)

COTD: 5065'
PBTD: 5065'
TD: 6140'

Prod. Csg: 4 1/2", 11.60#, J-55
Set: @ 6140' w/ 900 sks
Hole Size: 7 7/8"
Circ: No TOC: 2270'
TOC By: CBL

Updated: 2/22/2006

By: A. M. Howell

Well: C. C. Fristoe Fed B (NCT-2) # 12

Field: Langlie Mattix

Reservoir: Grayburg

Location:
2310' FSL & 2310' FEL
Section: 26
Township: 24S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3181'
KB: 3194'
DF: 3193'

**Proposed
Wellbore Diagram**

Well ID Info:
Chevno: FG0188
API No: 30-025-22032
L5/L6: UCU727600
Spud Date: 2/17/1967
Compl. Date: 3/22/1967

Surf. Csg: 8 5/8", 17.28#, SW
Set: @ 973' w/ 550 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	13.00
105	Jts. 2 3/8" EUE 8R J-55 Tbg	3252.16
	TAC	2.70
13	Jts. 2 3/8" EUE 8R J-55 Tbg	403.00
1	Jt. 2 3/8" EUE 8R J-55 IPC Tbg	31.00
	SN	1.10
	2 3/8" x 4" Perf Tbg Sub	4.10
1	Jt. 2 3/8" EUE 8R J-55 Tbg	30.95
	Bull Plug	0.50
120	Bottom Of String >>	3738.51

Perfs:	Status:
3352-56'	Grayburg - Open
3360-66'	Grayburg - Open
3374-80'	Grayburg - Open
3384-88'	Grayburg - Open
3392-98'	Grayburg - Open
3408-12'	Grayburg - Open
3417-25'	Grayburg - Open
3434-40'	Grayburg - Open
3448-56'	Grayburg - Open
3462-66'	Grayburg - Open
3473-83'	Grayburg - Open
3496-3505'	Grayburg - Open
3511-14'	Grayburg - Open
3522-32'	Grayburg - Open
3546-58'	Grayburg - Open
3570-78'	Grayburg - Open
3582-92'	Grayburg - Open
3598-3607'	Grayburg - Open
3612-16'	Grayburg - Open
3620-30'	Grayburg - Open
3641-49'	Grayburg - Open
3656-66'	Grayburg - Open
3676-82'	Grayburg - Open
3686-90'	Grayburg - Open
3694-98'	Grayburg - Open

CIBP @ 5100'
(35' cmt on top)

Blowby Perfs - Below CIBP

5120-54'	5355'	5602'
5160-74'	5368'	5609'
5205'	5386'	5622'
5213'	5395'	5657'
5219'	5411'	5669'
5225'	5414-18'	5681'
5239'	5424-32'	5690'
5242-46'	5440'	5702'
5247'	5460-72'	5722'
5256'	5486'	5738'
5265'	5501'	5756'
5276-80'	5528'	5790'
5283'	5541'	5802'
5302'	5559'	
5335'	5576'	

CIBP @ 5950'
(35' cmt on top)

COTD: 5065'
PBTD: 5065'
TD: 6140'

Prod. Csg: 4 1/2", 11.60#, J-55
Set: @ 6140' w/ 900 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 2270'
TOC By: CBL

Updated: 2/22/2006

By: A. M. Howell

