

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

Form C-103  
June 19, 2008

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

WELL API NO. 30-025-05946
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name G. C. MATTHEWS
8. Well Number 5
9. OGRID Number 4323
10. Pool name or Wildcat MONUMENT TUBB; NORTHWEST
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3559' GL

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)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
CHEVRON U.S.A. INC.

3. Address of Operator  
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter J: 2310 feet from the SOUTH line and 2310 feet from the EAST line

Section 6 Township 20-S Range 37-E NMPM County LEA

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: FRAC STIMULATE TUBB FORMATION

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 FRAC STIMULATE THE TUBB FORMATION IN THE SUBJECT WELL .  
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 08-28-2008

Type or print name  
**For State Use Only**

DENISE PINKERTON

E-mail address: [leakejd@chevron.com](mailto:leakejd@chevron.com)

PHONE: 432-687-7375

APPROVED BY:

*[Signature]*

TITLE

PETROLEUM ENGINEER

DATE

SEP 09 2008

Conditions of Approval (if any):

RECEIVED  
SEP - 2 2008  
HOBBS OCL

G.C. Matthews #5  
Monument Tubb; Northwest  
T20S, R37E, Section 6  
2310' FSL & 2310' FEL  
30-025-05946  
Job: Frac Stimulate Tubb Formation

8/25/08

Note: charge costs to UWDPS-R8062

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 08/25/08. 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. MIRU Pulling Unit. Bleed pressure from well, pump down well with 8.6# brine if necessary to kill well. NDWH NUBOP. Release packer and POH. Stand back 2-7/8" tubing, 2-3/8" tubing, and LD pkr.
4. PU and GIH w/ 4-1/2" Arrow-Set 10k pkr, 16 jts of 2-7/8 EUE 8R L-80 WS, 2-7/8" to 3-1/2" crossover, and 170 jts of 3-1/2" EUE 8R L-80 work string, testing to 8500 psi. Set pkr at approximately 5766'. Install frac head. Pressure annulus to 350 psi to test csg and pkr. Leave pressure on csg during frac job to aid in observing communication.
5. MI & RU DS Services and Rita Dickey (432)-553-2526. Frac Tubb perms down 3-1/2" tubing assembly at **40 BPM** w/ 72,000 gals of 50 Quality WF150 CO2 Foam, and 144,000 lbs. 20/40 mesh Jordan. PropNet will be pumped with the last two sand stages. Max treating pressure **8,500 psi. Ensure extra PropNet is brought to location to use if needed!** Pump job as follows:

Pump 7,000 gal 50 Quality WF150 pad @ 40 BPM

Pump 1,000 gal 50 Quality WF150 pad containing .5 PPG 20/40 mesh Jordan @ 40 BPM

Pump 5,000 gal 50 Quality WF150 pad @ 40 BPM

Pump 1,500 gal 50 Quality WF150 pad containing 1 PPG 20/40 mesh Jordan @ 40 BPM

Pump 5,000 gal 50 Quality WF150 pad @ 40 BPM

Pump 1,500 gal 50 Quality WF150 pad containing 1.5 PPG 20/40 mesh Jordan @ 40 BPM

Pump 7,000 gal 50 Quality WF150 pad @ 40 BPM

Pump 6,000 gal 50 Quality WF150 containing 1 PPG 20/40 mesh Jordan @ 40 BPM

Pump 8,000 gal 50 Quality WF150 containing 2 PPG 20/40 mesh Jordan @ 40 BPM  
Pump 9,000 gal 50 Quality WF150 containing 3 PPG 20/40 mesh Jordan @ 40 BPM  
Pump 10,000 gal 50 Quality WF150 containing 4 PPG 20/40 mesh Jordan w/ Prop Net @ 40 BPM  
Pump 11,000 gal 50 Quality WF150 containing 5 PPG 20/40 mesh Jordan w/ Prop Net @ 40 BPM

Flush to @ 6235' with 56 bbl WF150 . **Do not overflush.** SI well and record ISIP, 5, 10, and 15 minute SIP. SION.

6. Open well. Bleed pressure from well, if any. POH. Release pkr. POH LD 3 ½" tubing assembly and pkr.
7. PU and GIH with 3-3/4" MT bit (size bit for 4-1/2" 11.6# liner)" on 48 jts 2-3/8" production tubing and 2-7/8" tubing. Tag for fill and clean out to approximately 6752', using air unit if necessary. POH with tubing string and bit. LD excess tubing and bit.
8. PU and GIH with 4-1/2" Lok-Set pkr and On-Off tool w/ 2.25" "F" profile on 35 jts 2-3/8" production tubing, and 162 jts 2 7/8" tubing to 6264'. Set pkr at +/- 6264'. Open well. GIH and swab well until there is no sand inflow. Release pkr. POH with tubing string, pkr, and on-off tool. LD pkr and on-off tool.
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, 6 jts 2 3/8" EUE 8R J-55 tbg, 4-1/2" x 2-3/8" TAC, 36 jts 2 3/8" EUE 8R J-55 tbg, 2-3/8" to 2-7/8" crossover, and 162 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 6269', with EOT at 6557' and SN at 6488'.
10. NDBOP. NUWH. RIH w/ rods and pump per ALS recommendation.
11. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Engineer – Richard Jenkins  
432-687-7120 Office  
432-631-3281 Cell

Well: **G.C. Matthews #5**Field: **Monument**Reservoir: **TA'd****Location:**

2310' FSL & 2310' FEL  
 Section: 6 Unit Letter: J  
 Township: 20S  
 Range: 37E  
 County: Lea State: NM

**Elevations:**

GL: 3559'  
 KB: 3569'  
 DF:

*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, WD Rep. OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*

TOC @ 2660'

# jts	Tubing Detail as of 5/2008	Length	Depth
	KB to Hanger Distance	10	0
162	2-7/8" EUE 6.5# J-55 Tubing	5142.21	10
	2-7/8" - 2-3/8" X-Over 2" I.D.	0.5	5152.21
35	2-3/8" EUE 4.7# J-55 Tubing	1103.64	5152.71
	T-2 On/Off Tool w/ 1.877 Profile	1.72	6256.35
	AS-1X Packer	6.35	6258.07
	End of Tubing ==>	6264.42	

TOL @ 5333'

CIBP @ 6787' w/ 35' of cmt on top

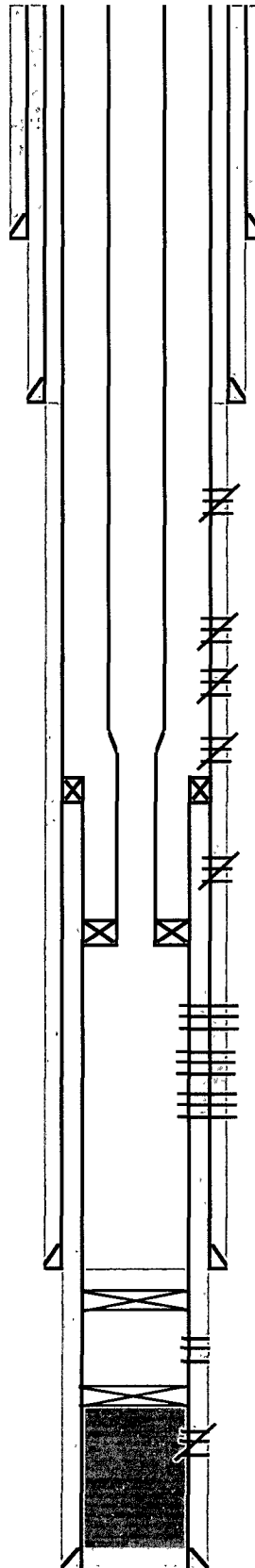
CICR @ 7030'

**COTD:**

**PBTD:** 6752'  
**TD:** 7400'

**Updated:** 8/25/2008

**Current**  
**Wellbore Diagram**



By: rjdg

**Well ID Info:**

Refno: FA7068  
 API No: 30-025-05946  
 L5/L6: UCU764100  
 Spud Date: 5/5/1951  
 Compl. Date: 11/1951

**Surf. Csg:** 13-3/8", 48#  
**Set:** @ 326' w/ 325 sks  
**Hole Size:** 17-1/4"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

**Interm. Csg:** 9 5/8", 36#  
**Set:** @ 2650' w/ 1500 sks  
**Hole Size:** 12 1/4"  
**Circ:** no **TOC:** 950'  
**TOC By:** T.S.

Perfs:	Status
3386'-88'	Penrose - Squeezed
3437'-39'	Penrose - Squeezed
3466'-68'	Penrose - Squeezed

**\*CVX owns from 3493' and deeper**

3502'-12'	Grayburg - Squeezed
3546'-48'	Grayburg - Squeezed
3610'-12'	Grayburg - Squeezed
3603-3924'	Grayburg/SA - Squeezed

Perfs:	Status
5139'-5208'	Paddock - Squeezed

Perfs:	Status
5576'-5602'	Blinebry - Isolated Behind Liner
5650-5700'	Blinebry - Isolated Behind Liner

Perfs:	Status
6332'-6340'	Tubb - Open
6344'-6352'	Tubb - Open
6362'-6370'	Tubb - Open
6374'-6378'	Tubb - Open
6407'-6410'	Tubb - Open
6420'-6428'	Tubb - Open

**Prod. Csg:** 7", 23#  
**Set:** @ 5779' w/ 650 sks  
**Hole Size:** 8-3/4"  
**Circ:** No **TOC:** 2660'  
**TOC By:** T.S.

Perfs:	Status
6862-6986'	Abo - Isolated Below CIBP

Perfs:	Status
7045'-7252'	Abo - Squeezed

**Liner:** 4-1/2", 11.6#  
**Top:** 5333'  
**Set:** @ 7398' w/ 250 sks  
**Hole Size:** 6 1/4"

Well: **G.C. Matthews #5**Field: **Monument**Reservoir: **TA'd****Location:**

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 Section: 6 Unit Letter: J  
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	2-7/8" - 2-3/8" X-Over 2" I.D.	0.5	5152.21
36	2-3/8" EUE 4.7# J-55 Tubing	1116.00	5152.71
	4-1/2" x 2-3/8" TAC	2.7	6268.71
6	2-3/8" EUE 4.7# J-55 Tubing	186	6271.41
1	2-3/8" EUE 4.7# J-55 IPC Tubing	31	6457.41
	SN	1.1	6488.41
	2-3/8" x 4' Perf Tbg Sub	4.00	6489.51
1	2-3/8" BPMA	31.00	6493.51
206	End of Tubing ==>	6524.51	

TOL @ 5333'

TAC @ 6269'

CIBP @ 6787' w/ 35' of cmt on top

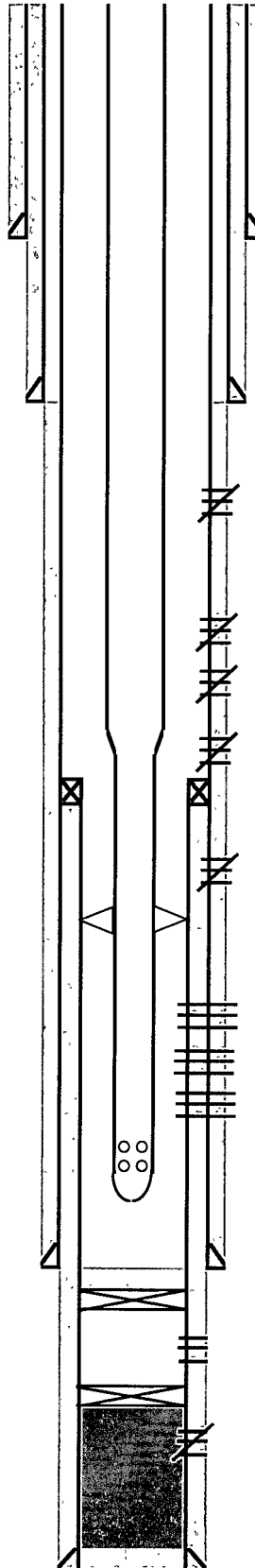
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Updated: 8/25/2008

**Proposed**  
**Wellbore Diagram**



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