District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
MAY 09 2008
HOBBS OCD

Form C-
May 27, 2

Submit to appropriate District Of

☐ AMENDED REPC

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
CHEVRON U S A INC 15 SMITH ROAD MIDLAND, TEXAS 79705	4323
	[3] API Number 30 – 025-05946

[3] Property Code	[5] Property Name	[6] Well No
2688	G C MATTHEWS	5

[9] Proposed Pool 1	[10] Proposed Pool 2
MONUMENT TUBB, WEST	

[7] Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	6	20-S	37-E		2310	SOUTH	2310	EAST	LEA

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	G		P	3559'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
NO	7400'	TUBB		

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit Liner Synthetic ☐ ____ mils thick Clay ☐ Pit Volume ____ bbls
Closed-Loop System ☒

Drilling Method
Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zo
Describe the blowout prevention program, if any. Use additional sheets if necessary.

CHEVRON U.S.A INC INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE GRAYBURG TO THE MONUMENT TUBB RESERVOIR. THIS RECOMPLETION WILL REQUIRE A NON-STANDARD LOCATION & SIMULTANEOUS DEDICATION APPROVAL DUE TOCHANGING FROM OIL TO GAS A COPY OF THE APPLICATION WHICH WAS SENT TO SANTA FE, IS ATTACHED

THE CURRENT & PROPOSED WELLBORE DIAGRAMS & THE INTENDED PROCEDURE IS ATTACHED FOR YOUR APPROVAL

A PIT WILL NOT BE USED FOR THIS RECOMPLETION

Permit Expires 2 Years From Approval Date Unless ~~Drilling~~ Underway
Plugback

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Signature Denise Pinkerton

Printed name: DENISE PINKERTON

Title. REGULATORY SPECIALIST

E-mail Address leakejd@chevron.com

Date 05-07-2008 Phone 432-687-7375

OIL CONSERVATION DIVISION

Approved by

Title PETROLEUM ENGINEER

Approval Date MAY 13 2008 Expiration Date

CONDITIONS OF APPROVAL Intent to drill ONLY -- CANNOT produce until the Non-Standard Location has been approved by OCD Santa Fe office.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-05946	96968	Monument; Tubb (West)

[4] Property Code	[5] Property Name	[6] Well Number
2688	Matthews, G.C.	5

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	Chevron U.S.A. Inc.	3,559' GL

[10] Surface Location

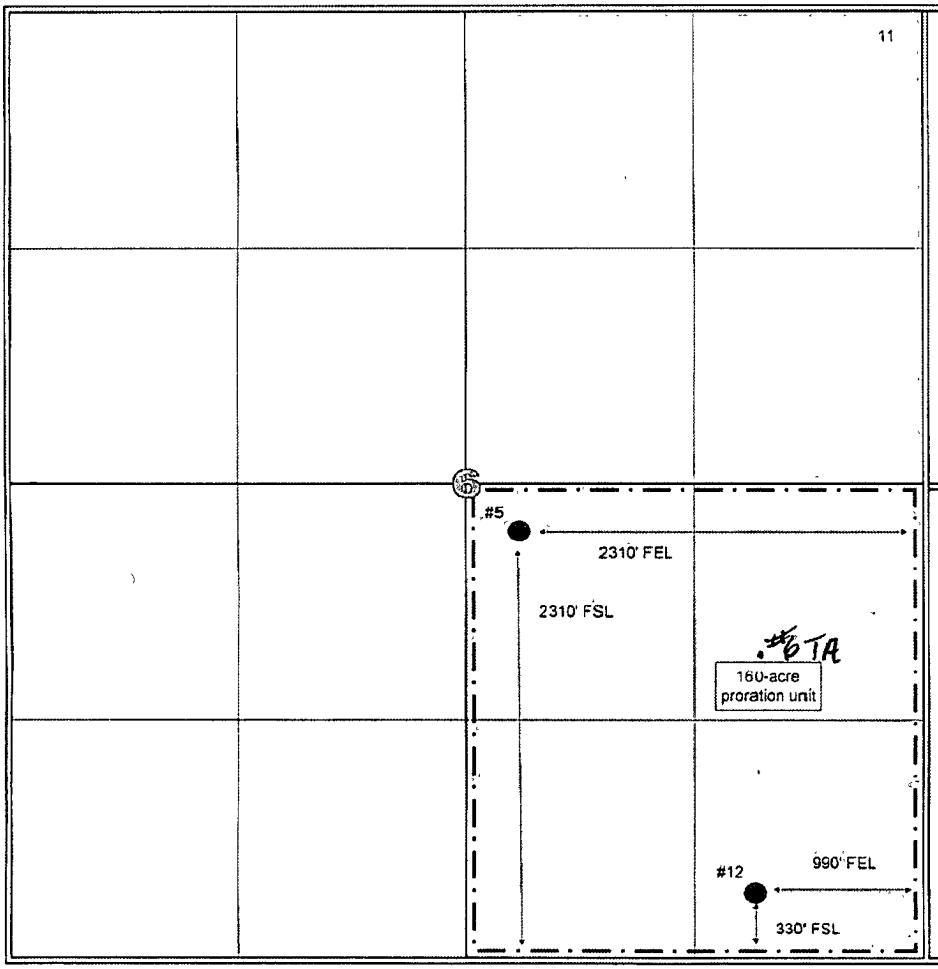
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	6	20S	37E		2310'	South	2310'	East	Lea

[11] Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No
160			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[1]

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Richard A Jenkins

Printed Name

Petr. Engineer

Title

May 5, 2008

[1]

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor

Certificate Number

G.C. Matthews #5 **04/25/08**
Eunice Monument; GB-SA
T20S, R37E, Section 6
2310' FSL & 2310' FEL
30-025-05946
Job: Complete Tubb Formation

Note: *CVX owns from 3493' and deeper

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 04/25/08. 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 BakerAtlas WL. GIH with 3-1/8" slick casing guns and perforate the following intervals with 4 JSPF at 120 degree phasing using 23 gram premium charges:

Top Perf	Bottom Perf	Net Ft	Number of Perfs
6332	6340	8	16
6344	6352	8	16
6362	6370	8	16
6374	6378	4	8
6407	6410	3	6
6420	6428	8	16
		39	**78**

Note: Use Gray Wireline CNL/GR/CCL Log dated 02/13/2008 for depth correction.

4. RIH w/ 4-1/2" packer with 2.25" profile, and on/off tool, on 2-7/8" workstring to 6430'.

5. MI & RU DS Services. Spot 5 bbl 15% acid over Tubb perfs. Set pkr @ 6250'. Load backside to 350 psi. Acidize Tubb perfs with 3,000 gal 15% NEFE HCl acid* at a maximum rate **5 BPM** and a maximum surface pressure of **4000 psi**. Drop a total of 250, 1.3 SG ball sealers. Drop slugs of around 30 balls per 300 gallons.

   Displace acid with 8.6 PPG cut brine water -- do not over displace. Record ISIP, 5 & 10 minute SIP's. RD and release DS services.

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

6. Leave SI for 3 hours. RU swab and recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered volumes, pressures, and/or swabbing fluid levels. **Note: notify engineering of swab results.**

7. Open well. Release packer. TOH w/ packer and WS. LD packer.

8. PU and GIH w/ 4-1/2" Arrow-Set 10k pkr & On-Off tool w/ 2.25" "F" profile, 3 jts of 2-7/8 EUE 8R L-80 WS, 2-7/8" to 3-1/2" crossover, and 171 jts of 3-1/2" EUE 8R L-80 work string, testing to 8000 psi. Set pkr at approximately 5394'. 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.

9. MI & RU DS Services and Rita Dickey (432)-553-2526. Frac well down 3 ½" tubing assembly at **40 BPM** with 38,000 gals of YF125, 82,000 lbs. 20/40 mesh **resin-coated** proppant, ramping from 2 PPG to 6 PPG throughout job. Observe a maximum surface treating pressure of **8,000 psi**. Pump job as follows:

   Pump 2,000 gals WF125FT **at 20 BPM**
   Pump 8,000 gals YF125FT pad containing 5 GPT J451 Fluid Loss Additive at **40 BPM**
   Pump 2,000 gals YF125FT containing 1 PPG 20/40 resin-coated sand & 5 GPT J451 FL Additive **at 40 BPM**
   Pump 8,000 gals YF125FT pad containing 5 GPT J451 Fluid Loss Additive **at 40 BPM**
   Pump 14,000 gals YF125FT ramping from 2 PPG to 6 PPG 20/40 resin-coated sand **at 40 BPM**
   Pump 4,000 gals YF125FT containing 6 PPG resin-coated sand **at 40 BPM**

   Flush to 6230'. **Do not overflush.** Shut well in. Record ISIP, 5, 10, and 15 minute SI tbg pressures. SWI. RD & Release DS Services and Rita Dickey. **Leave well SI overnight.**

10. Open well. Bleed pressure from well, if any. POH. Release pkr. POH LD 3 ½" tubing assembly, on-off tool, and pkr.

11. PU and GIH with 3-3/4" bit (size bit for 4-1/2" 11.6# liner)" on 2 7/8" work string to approximately 6600'. If fill is tagged above 6600', cleanout to 6752' using 8.6# PPG cut brine water using air unit if necessary. POH with 2-7/8" tbg and bit. LD workstring and bit.

12. PU & GIH with 4-1/2" Arrow-set pkr on 2-7/8" production tubing 6230'. Set pkr at 6230'. Open well. GIH and swab well until there is no sand inflow. Release pkr and TOH. LD packer.

13. PU and GIH w/ 2-7/8" production tubing and TAC. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release workover unit.

14. 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**

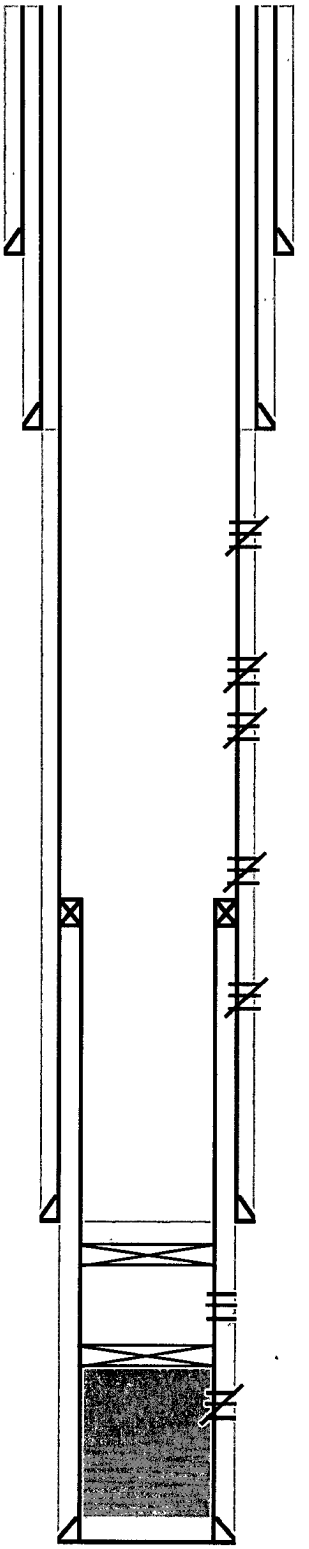
Location:
2310' FSL & 2310' FEL
Section: 6 Unit Letter: J
Township: 20S
Range: 37E
County: Lea State: NM

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 an computer databases as of the updat below. Verify what is in the hole wit well file in the Eunice Field Office. C w/ WEO Engineer, WO Rep, OS, ALS, & to rigging up on well regarding any h unknown issues pertainin

Current
Wellbore Diagram

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.

TOC @ 2660'

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

TOL @ 5333'

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

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

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

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

CICR @ 7030'

Perfs:	**Status**
7045'-7252'	Abo - Squeezed

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

COTD:
PBTD: 6752'
TD: 7400'

Updated: 4/25/2008

By: rjdg

Well: **G.C. Matthews #5**

Field: **Monument**

Reservoir: **TA'd**

Location:
2310' FSL & 2310' FEL
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Township: 20S
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County: Lea State: NM

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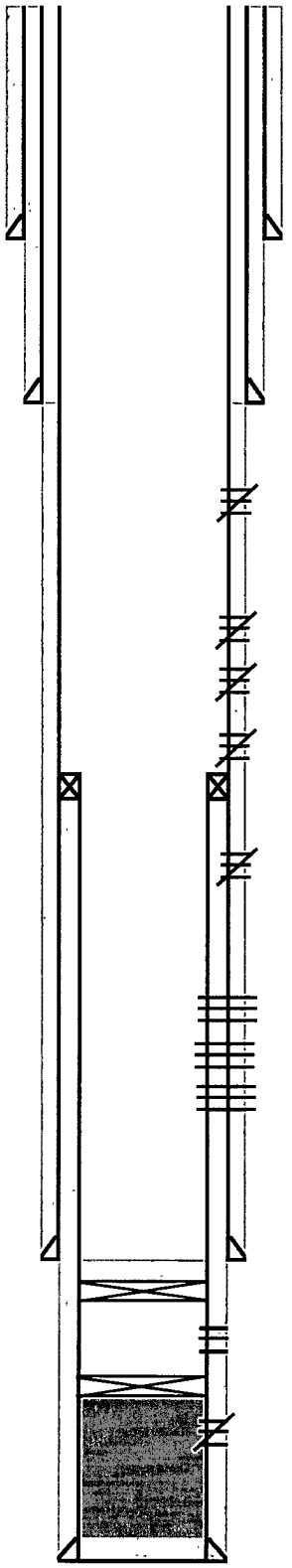

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By: rjdg