

District I
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District II
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Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised November 14, 2012

HOBBS OCD Energy Minerals and Natural Resources

Oil Conservation Division

☐ AMENDED REPORT

OCT 08 2013

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

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

1. Operator Name and Address 2. CHEVRON U.S.A. INC. 3. 15 SMITH ROAD 4. MIDLAND, TEXAS 79705	5. OGRID Number 4323
	6. API Number 30-025-31201
7. Property Code 29908	8. Property Name B.F. HARRISON
	9. Well No. 5

7. Surface Location

UL - Lot E	Section 9	Township 23S	Range 37E	Lot Idn	Feet from 1950	N/S Line NORTH	Feet From 560	E/W Line WEST	County LEA
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*** Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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9. Pool Information

Pool Name LANGLIE MATTIX 7 RIVERS QUEEN GRAYBURG	Pool Code 37240
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Additional Well Information

11. Work Type RECOMPLETE	12. Well Type OIL	13. Cable/Rotary	14. Lease Type S	15. Ground Level Elevation 3316' GL
16. Multiple	17. Proposed Depth 10,307'	18. Formation GRAYBURG	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
			NO CHANGE			

Casing/Cement Program: Additional Comments

See next page for Antended Procedure

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

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 I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐ , if applicable. Signature: <i>Denise Pinkerton</i>	OIL CONSERVATION DIVISION	
Printed name: DENISE PINKERTON	Approved By: <i>[Signature]</i>	
Title: REGULATORY SPECIALIST	Title: Petroleum Engineer	
E-mail Address: leakejd@chevron.com	Approved Date: 10/09/13	Expiration Date: 10/09/15
Date: 10/08/2013	Phone: 432-687-7375	Conditions of Approval Attached

OCT 09 2013

DURING THE PROCEDURE WE PLAN TO USE THE CLOSED LOOP SYSTEM WITH A STEEL TANK AND HAUL TO THE REQUIRED DISPOSAL, PER THE OCD RULE 19.15.17.

INTENDED PROCEDURE IS AS FOLLOWS

Pull Production Tbg.

RIH & set CIBP @ 5570' & dump 35' cmt on CIBP.

Perforate Grayburg from 3732-3740, 3758-3764, 3767-3772, 3784-3790, 3800-3808, 3814-3820, 3828-3834, 3842-3846, 3854-3860, 3890-3902, 3918-3924.

Frac Grayburg w/3,000 gals HCL, 171.000 sand, & 2500 bbls fluid.

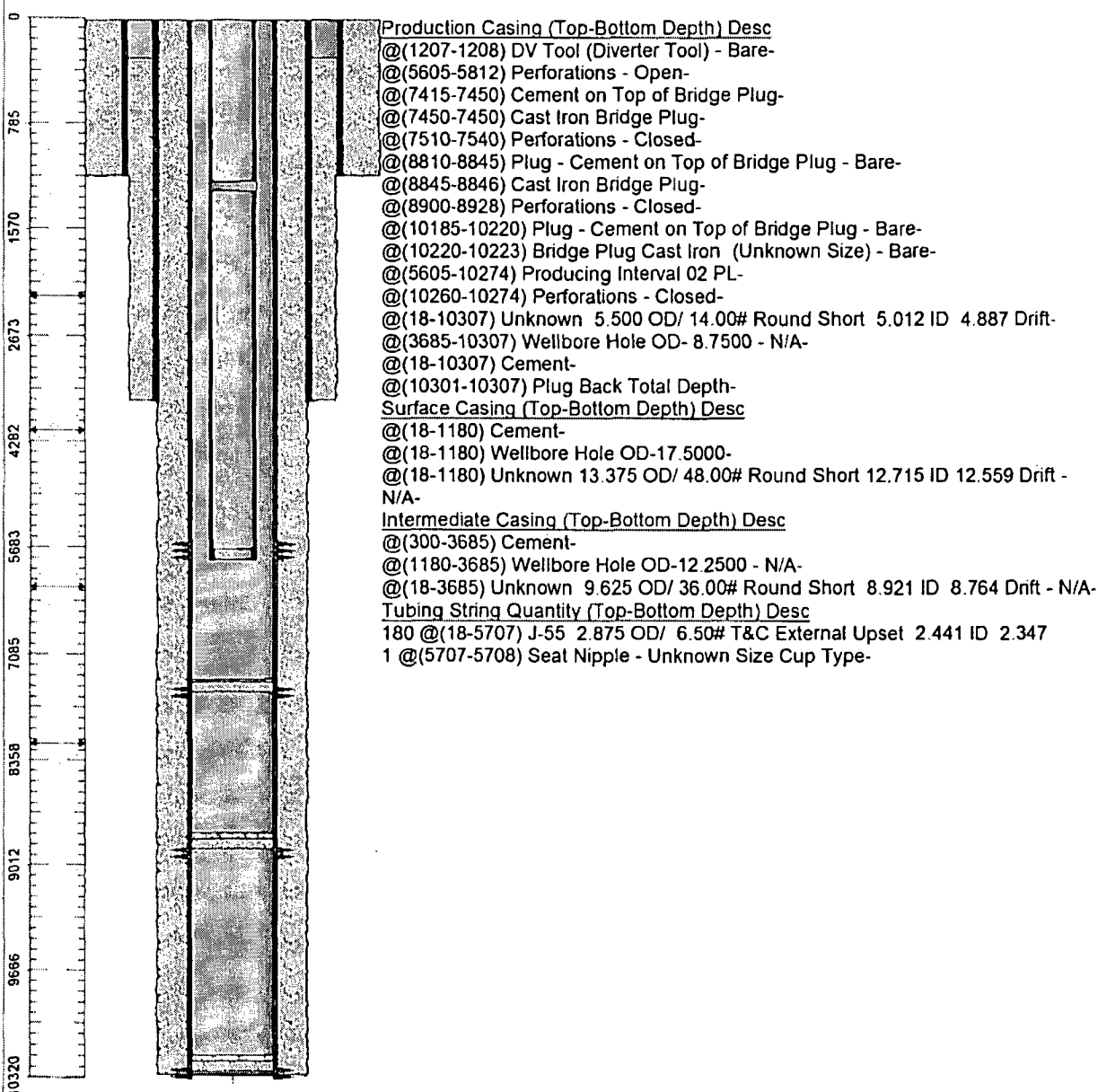
Swab well & CO

Run production eqpt.

Put on production

Chevron U.S.A. Inc. Wellbore Diagram : BFHARRISONB5T

Lease: OEU EUNICE FMT		Well No.: HARRISON, B. F. -B- 5		Field: FLD-NM TEAGUE NORTH	
Location: 1950FNL560FWL		Sec.: N/A		Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: OP9868		API: 3002531201	Cost Center: UCU820500
Section: 9		Township: 023 S			Range: 037 E
Current Status: ACTIVE				Dead Man Anchors Test Date: NONE	
Directions:					



Ground Elevation (MSL):: 3316.00	Spud Date: 06/23/1991	Compl. Date: 01/01/1970
Well Depth Datum:: Kelly Bushing	Elevation (MSL):: 3334.00	Correction Factor: 18.00
Last Updated by: bqvh	Date: 10/10/2012	

Well: B.F. Harrison B # 5

Field: Langlie Mattix

Reservoir: Grayburg

Location:

1950' FNL & 560' FWL

Section: 9

Township: 23S

Range: 37E Unit: E

County: Lea State: NM

Elevations:

GL: 3316'

KB: 3334'

DF:

**Proposed
Wellbore Diagram****Well ID Info:**

Wellbore #

Chevno: OP9868

API No: 30-025-31201

Cost Center

Spud Date: 6/23/1991

Rig Released: 7/18/1991

Compl. Date: 10/21/1991

Surface Csg: 13 3/8" 54.5# K-55 STC**Set:** @ 1180 w/ 1100 sx Class H cmt**Hole Size:** 17 1/2" TO 1180**Circ:** Yes **TOC:** Surface**TOC By:** Circulation (298 sxs)**Log Formation Tops**

T. Salt	
Yates	2850'
Seven Rivers	2947'
Queen	3363'
Penrose	3470'
Grayburg	3650'
San Andres	3987'
Glorieta	4966'
Paddock	5020'
Blaine	5406'
Tubb	6082'
Drinkard	6292'
Abo	6596'
Devonian	7506'
Fusselman	8886'
Ellenburger	10256'

DV tool @ 1207'

New Perfs

3732-3740 3 JSPF

3758-3764

3767-3772

3784-3790

3800-3808

3814-3820

3828-3834

3842-3846

3854-3860

3890-3902

3918-3924

Intermediate Csg: 9 5/8" 40# L-80 LT&C**Set:** @ 3685 w/ 1450 sx class H cmt, DV tool @ 1207'**Hole Size:** 12 1/4" to 3685'**Circ:** No **TOC:** 300'**TOC By:** TS**Prod. Csg:** 5 1/2" 17# L-80 & J-55 LT&C**Set:** @ 10,307' w/2800 sx class H cmt, DV tool @ 7017'**Hole Size:** 8 3/4" to 10,307'**Circ:** Yes **TOC:** Surface**TOC By:** Circulation (250 sxs)

CIBP

5570

Perfs

5605'-5812'

Status:

Blaine - Open

2 JSPF, 42 holes

7510'-7540'

Devonian - closed

4 JSPF

8900'-8928'

Fusselman - closed

Perfs

10,260'

10,274'

Ellenburger - closed

56 holes

DV tool @ 7017'

CIBP @ 7450'

cap w/35' cmt

CIBP set @ 8845'

cap w/35' cmt

CIBP set @ 10,220'

cap w/35' cmt

PBYD: 7415'

TD: 10,307'

By: C. J. Haynie

Updated: 6-6-07 by CHAY