

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
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 July 18, 2013

HOBBES OGD Energy Minerals and Natural Resources

Oil Conservation Division

☐ AMENDED REPORT

FEB 04 2014

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 CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705		² OGRID Number 4323
		³ API Number 30-025-29976
⁴ Property Code 2682	⁵ Property Name H.T. MATTERN NCT-B	⁶ Well No. 24

7. Surface Location

UL - Lot B	Section 31	Township 21S	Range 37E	Lot Idn	Feet from 850	N/S Line NORTH	Feet From 1725	E/W Line EAST	County LEA
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8. 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 PENROSE SKELLY; GRAYBURG	Pool Code 50350
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Additional Well Information

¹¹ Work Type RECOMPLETE	¹² Well Type OIL	¹³ Cable/Rotary	¹⁴ Lease Type PRIVATE	¹⁵ Ground Level Elevation 3485' GL
¹⁶ Multiple NO	¹⁷ Proposed Depth 6800'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

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

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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: 02/07/14	Expiration Date: 02/07/16
Date: 01/30/2014	Phone: 432-687-7375	Conditions of Approval Attached

FEB 10 2014

H.T. MATTERN NCT-B #24

CHEVRON INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD POOL TO THE GRAYBURG RESERVOIR. THE DRINKARD WILL BE PLUGGED BACK, WILL MOVE UPHOLE AND RECOMPLETE AND FRAC STIMULATE THE GRAYBURG. THE INTENDED PROCEDURE IS AS FOLLOWS:

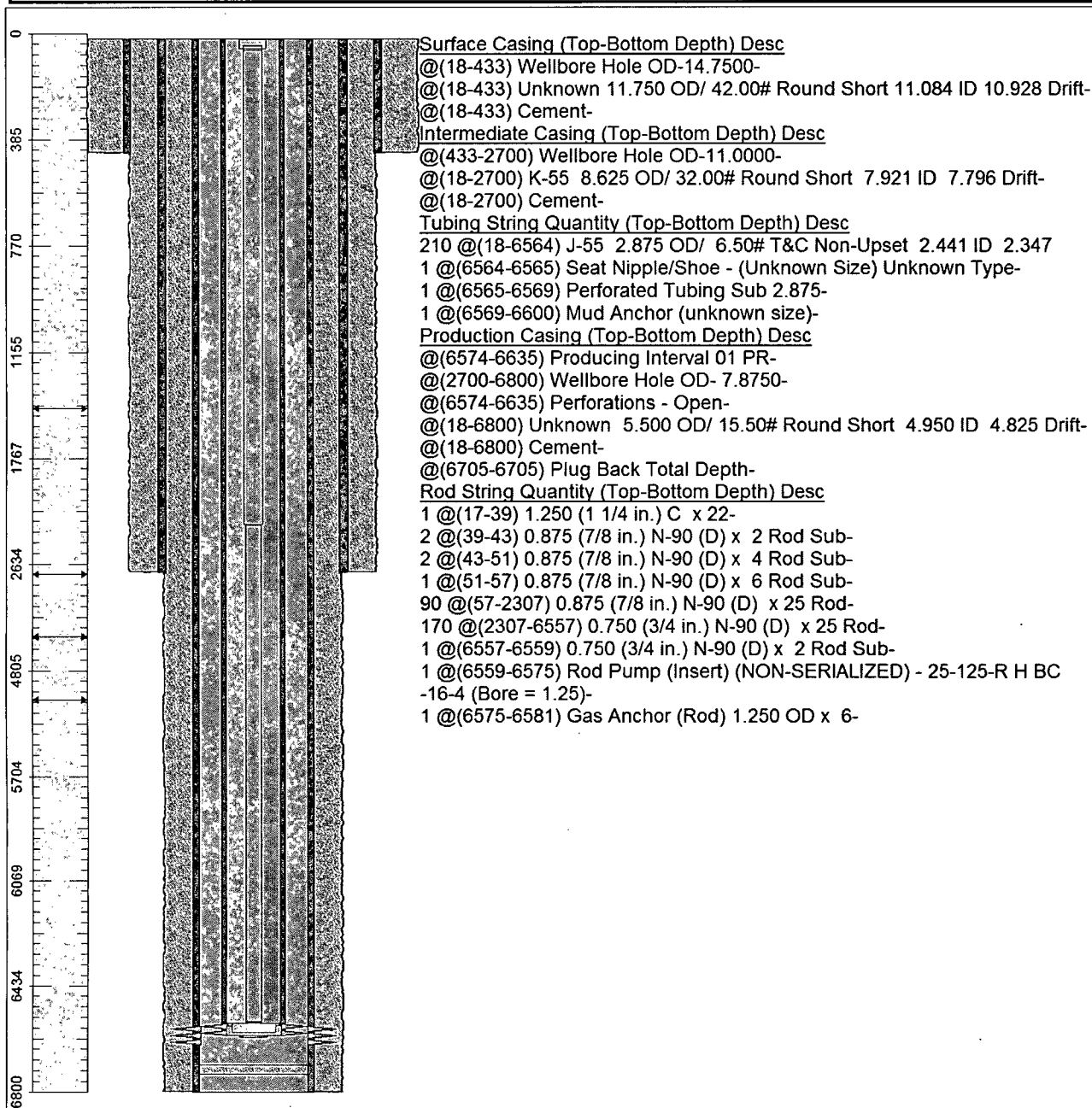
- 1) PULL PRODUCTION TBG & RODS.
- 2) TIH & SET CIBP @ 6560' & DUMP AT LEAST 35' OF CMT ON CIBP. TEST CIBP & CSG.
- 3) PERFORATE GRAYBURG FROM 3762-3772, 3775-3785, 3788-3798, 3818-3828 4 JSPF.
- 4) FRAC GRABURG W/3,000 GALS HCL, 171,000 SAND, & 2,250 BBLS FLUID.
- 5) CO & SWAB WELL.
- 6) RUN PRODUCTION EQPT.
- 7) PUT ON PRODUCTION.

DURING THIS PROCESS 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.

PLEASE FIND ATTACHED, THE C-102 PLAT AND WELLBORE DIAGRAMS.

Chevron U.S.A. Inc. Wellbore Diagram : MATB24

Lease: OEU EUNICE		Well No.: MATTERN H T /NCT-B/ 24		Field: DRINKARD	
Location: 850FNL1725FEL		Sec.: N/A		Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: II2138		API: 3002529976	Cost Center: UCU415000
Section: 31		Township: 021 S			Range: 037 E
Current Status: ACTIVE				Dead Man Anchors Test Date: NONE	
Directions:					



Ground Elevation (MSL): 3486.00	Spud Date: 07/18/1987	Compl. Date: 08/13/1987
Well Depth Datum: Kelly Bushing	Elevation (MSL): 0.00	Correction Factor: 17.50
Last Updated by: bqvh	Date: 10/04/2012	

Proposed Wellbore Diagram

Location:
850' FNL & 1725' FEL
Section: 31
Township: 21S
Range: 37E Unit: B
County: Lea State: NM

Elevations:
GL: 3485'
KB:
DF:

Formations:	
T/Salt	1325'
B/Salt	2530'
T/Yates	
T/Grayburg	3710'
T/San Andres	3900'
T/Glorieta	5150'
T/Blinebry	5470'
T/Tubb	6150'
T/Drinkard	6495'

Well ID Info:
Chevno: I12138
API No: 30-025-29976
L5/L6: U415000
Spud Date: 7/18/87
Compl. Date: 8/13/87

Surf. Csg: 11-3/4", 42#, H-40
Set: @ 433' w/275 sx cmt
Size of hole: 14-3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8-5/8", 24# & 32#, K-55
Set: @ 2700' w/700 sx cmt
Size of hole: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Initial Completion

DRK Perfs, 6574'-75', 6581'-82', 6585'-86',
6590'-91', 6597'-98', 6603'-4', 6618'-19', 6627'-28',
6634'-35'
Acidz w/4400 Gals 15% NE FE HCL

Subsequent Workovers/Reconditionings/Repairs:
11/6/88, Frac Drk Perfs w/1000 gals 15% NE, 19,000 gals 40#
GPGBW & 12,500# 20/40M Sd.
7/5/89, Dump Acid Job

Perfs	w/4 JSPF	Status
3762'-72'		Grayburg Oil - Open
3775'-85'		160 Holes
3788'-98'		
3818'-28'		

DV Tool @ 3871'

Perfs	w/2 JHPF	Status
6574'-75'		Drinkard Oil - Closed
6581'-82'		18 Holes
6585'-86'		
6590'-91'		
6597'-98'		
6603'-04'		
6618'-19'		
6627'-28'		
6634'-35'		

Prod. Csg: 5-1/2", 15.5#, K-55
Set: @ 6800' w/1500 sx cmt
Size of hole: 7-7/8"
Circ: Yes **TOC:**
TOC By: Circulation

CIBP @ 6560'
(35' cmt on top)

PBTD: 6705'
TD: 6800'

Updated: 1/29/14

