

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

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

HOBBS OCD

FEB 20 2014

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 30-025-10190
⁴ Property Code 29909	⁵ Property Name BAKER "B"	⁶ Well No. 10

⁷ Surface Location

UL - Lot J	Section 10	Township 22S	Range 37E	Lot Idn	Feet from 2310	N/S Line SOUTH	Feet From 1650	E/W Line EAST	County LEA
---------------	---------------	-----------------	--------------	---------	-------------------	-------------------	-------------------	------------------	---------------

* Proposed Bottom Hole Location

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

⁹ Pool Information

Pool Name PENROSE SKELLY; GRAYBURG	Pool Code 50350
---------------------------------------	--------------------

Additional Well Information

¹¹ Work Type RECOMPLETE	¹² Well Type OIL	¹³ Cable/Rotary	¹⁴ Lease Type PRIVATE	¹⁵ Ground Level Elevation 3450' GL
¹⁶ Multiple NO	¹⁷ Proposed Depth 3772'	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

--

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> 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: 02/25/14 Expiration Date: 02/25/16	
Date: 02/19/2014	Phone: 432-687-7375	Conditions of Approval Attached	

FEB 25 2014

Baker B #10

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.

THE INTENDED PROCEDURE IS AS FOLLOWS:

TIH & DRILL OUT CMT TO 3790.

TIH & PERFORATE 3642-3674, & 3744-3772 IN THE GRAYBURG FORMATION.

FRAC GRAYBURG W/3,000 GALS HCL, 171,000 SAND, AND 2,520 BBLS FLUID.

SWAB WELL & CO.

RUN PRODUCTION EQUIPMENT.

PUT ON PRODUCTION.

Please find attached, the current and proposed wellbore diagrams, and the C-102 plat.

Well: Baker B #10

Field: Eunice South-San Andres

Reservoir: San Andres

WELL IS CURRENTLY TA'D 8/30/2013

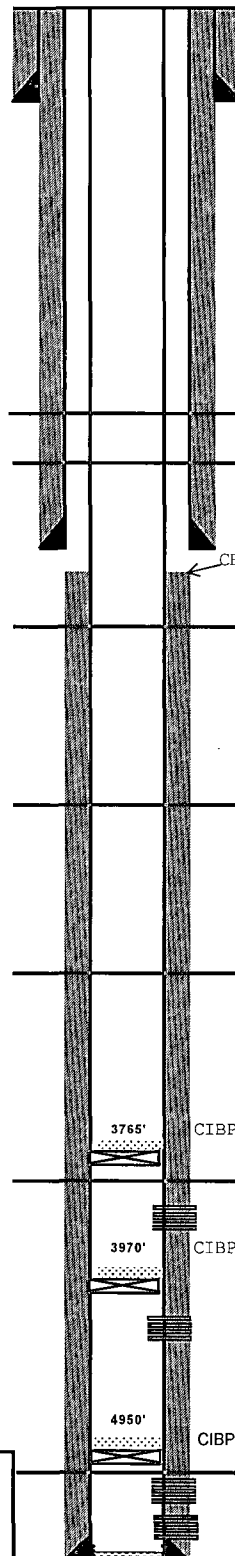
Location:
2,310' FSL & 1,650' FEL
Section: 10 (NW/4 SE/4)
Township: 22S
Range: 37E Unit: J
County: Lea State: NM

Elevations:
GL: 3450'
KB:
DF: 3402'

PETRA Formation Tops

B. SALT	2300'
YATES	2520'
QUEEN	3290'
PENROSE	3408'
GRAYBURG	3568'
SAN ANDRES	3826'
GLORIETA	5013'

Wellbore Diagram
CURRENT



Well ID Info:

Chevno: FB1191
API No: 30-025-10190
L5/L6: UCLC60300
Spud Date: 2/16/48 On Prod: 4/1/1948
Compl. Date: 3/17/1948
WB COMP: 428002-01

Surface Csg: 13 3/8" 44.5# Armco

Set: @ 158' w/ 160 sx cmt
Hole Size: 17" TO 158'
Circ: Yes **TOC:** Surface
TOC By: Circulation

Intermediate Csg: 9-5/8" 36# J-55

Set: @ 2805' w/ 1000 sx cmt
Hole Size: 12-1/4" to 2805'
Circ: Yes 1000 sks **TOC:** Surface

B. SALT 2300'

YATES 2520'

CBL ITOC @ 2810

QUEEN 3290'

PENROSE 3408'

GRAYBURG 3568'

3765' CIBP @ 3800' W/35' CMT CAP

SAN ANDRES 3826'

UPPER SAN ANDRES
3850-3891' & 3902-3950'

3970' CIBP @ 4005' W/ 35' CMT CAP

Lwr San Andres Perfs (UNECONOMICAL):
4010, 15, 17, 19, 28, 30, 36, 46, 47, 49, 58,
88, 94, 96, 4105, 24, 28, 40, 49, 52, 54, 58, 61, 64, 73'

4950' CIBP @ 4985' w/50# CMT CAP

GLORIETA 5013'

GLORIETA
8/50 - 5065-90' & 5125-45' W/5 SPF

4/48 - 5170-95' W/5 SPF(125 SHOTS)

Prod. Csg: 7" 23# J-55, 8 rd
Set: @ 5,210' w/350 sx cmt
Est. f/CBL 2810' **TOC**
Hole Size: 8" to 5,210'

Well: Baker B #10

Field: Penrose Skelly

Reservoir: Grayburg
WELL IS CURRENTLY TA'D 8/30/2013

Location:

2,310' FSL & 1,650' FEL
Section: 10 (NW/4 SE/4)
Township: 22S
Range: 37E Unit: J
County: Lea State: NM

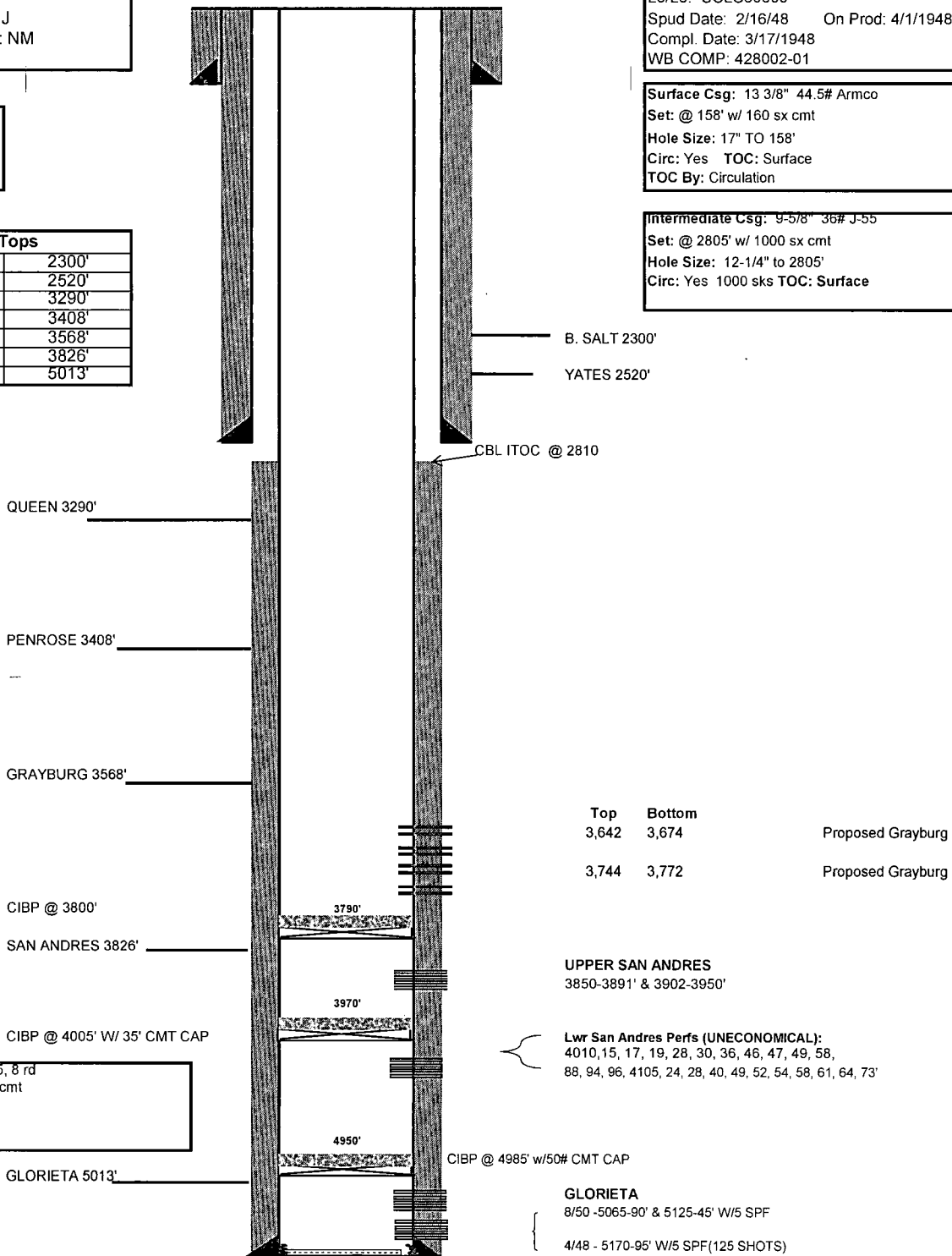
Elevations:

GL: 3450'
KB:
DF: 3402'

PETRA Formation Tops

B. SALT	2300'
YATES	2520'
QUEEN	3290'
PENROSE	3408'
GRAYBURG	3568'
SAN ANDRES	3826'
GLORIETA	5013'

Wellbore Diagram
Proposed



Well ID Info:

Chevno: FB1191
API No: 30-025-10190
L5/L6: UCLC60300
Spud Date: 2/16/48 On Prod: 4/1/1948
Compl. Date: 3/17/1948
WB COMP: 428002-01

Surface Csg: 13 3/8" 44.5# Armco
Set: @ 158' w/ 160 sx cmt
Hole Size: 17" TO 158'
Circ: Yes TOC: Surface
TOC By: Circulation

Intermediate Csg: 9-5/8" 36# J-55
Set: @ 2805' w/ 1000 sx cmt
Hole Size: 12-1/4" to 2805'
Circ: Yes 1000 sks TOC: Surface

Prod. Csg: 7" 23# J-55, 8 rd
Set: @ 5,210' w/350 sx cmt
Est. f/CBL 2810' TOC
Hole Size: 8" to 5,210'

Top	Bottom	
3,642	3,674	Proposed Grayburg
3,744	3,772	Proposed Grayburg

UPPER SAN ANDRES
3850-3891' & 3902-3950'

Lwr San Andres Perfs (UNECONOMICAL):
4010, 15, 17, 19, 28, 30, 36, 46, 47, 49, 58,
88, 94, 96, 4105, 24, 28, 40, 49, 52, 54, 58, 61, 64, 73'

GLORIETA
8/50 -5065-90' & 5125-45' W/5 SPF
4/48 - 5170-95' W/5 SPF(125 SHOTS)