

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-24120
5. Indicate Type of Lease STATE FEE X
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name H. T. MATTERN NCT-B
8. Well Number 16
9. OGRID Number 4323
10. Pool name or Wildcat BLINEBRY

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. ☒ monty.mccarver@cjes.com

3. Address of Operator
1500 SMITH RD. MIDLAND, TX. 79705

4. Well Location **DATUM Y- LAT 32. X-LONG -103.**
Unit Letter D : 330 feet from the NORTH line and 330 feet from the WEST line
Section 31 Township 21-S Range 37-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,511' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	INT TO PA ☒
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P&A NR ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	P&A R ☐
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. **8 5/8" 24# @ 1,237' TOC SURF, 5 1/2" 14 & 17# @ 5,877' TOC 2,080' 4" LINER FROM 5,780'-6,809', PERFS 3,982'-4,034'. CIBP's @ 3,945' TOC @ 3,915'.**

AS EARLY AS MAY 19, 2016 MOVE IN RIG & CMT EQUIPMENT, ND TREE, NU BOP & TEST.

RIH CIR W/ SALT GEL. MIX & SPOT 150 SX CL "C" CMT FROM 3,915'-2,400', WOC & TAG, TEST (GRAYBURG, QUEEN, 7 RIVERS, YATES, B. SALT)

PERF & CIR 95 SX CL "C" CEMENT FROM 1,287'-1,000', WOC & TAG. (SHOE, T. SALT, ANHY)

PERF & CIR 100 SX CL "C" CEMENT FROM 300' BACK TO SURFACE.

CUT ALL CASING & ANCHORS & REMOVED 3' BELOW GRADE. WELD ON DRY HOLE MARKER. CLEAN LOCATION.
ALL CEMENT PLUGS CLASS "C", W/ CLOSED LOOP SYSTEM USED.

Spud Date:

NOTIFY OCD 24 HOURS PRIOR TO BEGINNING
PLUGGING OPERATIONS

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

SIGNATURE [Signature] TITLE Agent for Chevron U.S.A. DATE 05/03/16
Type or print name Monty L. McCarver E-mail address: monty.mccarver@cjes.com PHONE: 713-325-6288
For State Use Only
APPROVED BY: [Signature] TITLE Petroleum Engr. Specialist DATE 05/11/2016
Conditions of Approval (if any):

MAY 11 2016

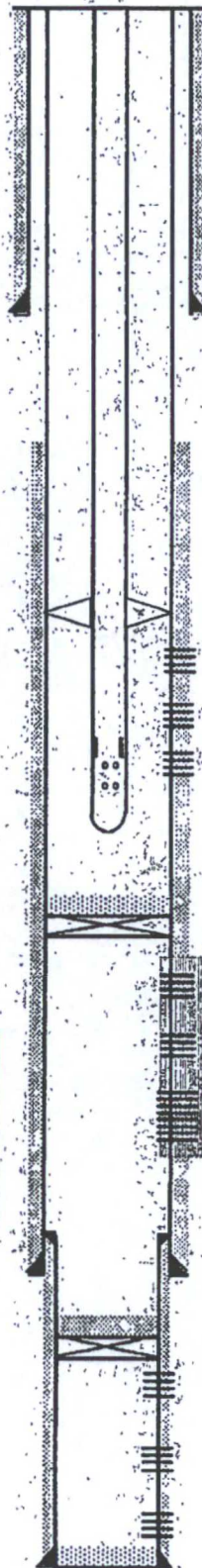
Well: H. T. Mattern (NCT-B) #16

Field: Eunice SW; SA Reservoir: San Andres

Location:
330' FNL & 330' FWL
Section: 31
Township: 21S
Range: 37E Unit: D
County: Lea State: NM

Elevations:
GL: 3511'
KB: 3523'
DF: 3522'

Proposed Wellbore Diagram



Well ID Info:
Chevno: FG8797
API No: 30-025-23442 2412.0
LS/LB: UCLB10500
Spud Date: 5/11/72
Compl Date: 5/30/72

Surf. Csg: 8 5/8" 24# K-55
Set: @ 1237' w/ 400 sx cmt
Hole Size: 11"
Circ: Yes TOC: Surface
TOC By: Circulated

Tubing Details

Sts:	Size:	Feet/ft
	KB Correction	42.00
120	Jts: 2 7/8" EUE BR J-55 Tbg	3906.00
	TAC	2.75
5	Jts: 2 7/8" EUE BR J-55 Tbg	168.08
1	Jt: 2 7/8" EUE BR J-55 IPC Tbg	31.91
	BN	1.10
	2 7/8" x 4" Perf Tbg Sub	4.00
1	Jt: 2 7/8" EUE BR J-55 Tbg	31.05
	Bull Plug	0.50
133	Bottom Of String >>	4177.39

Perfs:
3982-87' San Andres - Open
3990-95' San Andres - Open
4002-07' San Andres - Open
4009-11' San Andres - Open
4030-34' San Andres - Open

CIBP @ 5510'
(35' cmt on top)

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

Perfs:
5532-34' Blinbry - Cmt Sqzd
5565-67' Blinbry - Cmt Sqzd
5617-19' Blinbry - Cmt Sqzd
5647-49' Blinbry - Cmt Sqzd
5694-96' Blinbry - Cmt Sqzd
5729-31' Blinbry - Cmt Sqzd

Prod. Csg: 5 1/2" 14# & 17# K-55
Set: @ 5877' w/ 735 sx cmt
Hole Size: 7 7/8"
Circ: No TOC: 2080'
TOC By: Temperature Survey

CIBP @ 6450'
(35' cmt on top)

Perfs:
6501-04' Drinkard - Below CIBP
6554-57' Drinkard - Below CIBP
6584-87' Drinkard - Below CIBP
6618-19' Drinkard - Below CIBP
6648-51' Drinkard - Below CIBP
6668-71' Drinkard - Below CIBP
6700-03' Drinkard - Below CIBP
6732-35' Drinkard - Below CIBP

COTD: 5475
PSTD: 5475
TD: 6810'

4" OD 11.34# FJ K-55
Liner // 5780-5809' (4 3/4" hole)
Cmtd w/ 85 sx, Cmt Circ.

Updated: 2/3/2011

By: A. M. Howell

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OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Oil C-101 and C-11
Effective 1-1-65

Operator Gulf Oil Corporation	
Address Box 670, Hobbs, New Mexico 88240	
Reason(s) for filing (Check proper box)	
New Well ☐	Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☐	Casinghead Gas ☐ Condensate ☐
Change in Ownership ☐	Other (Please explain) Recompleted in Blinebry and commingled Blinebry with existing Drinkard in Well Bore. R-5273

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name H. T. Mattern (NCT-B)	Well No. 16	Pool Name, including Formation Blinebry	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter D : 330 Feet From The North Line and 330 Feet From The West Line of Section 31 Township 21-S Range 37-E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Texas-New Mexico Pipe Line Company	Address (Give address to which approved copy of this form is to be sent) Box 1510, Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Warren Petroleum Corporation	Address (Give address to which approved copy of this form is to be sent) Box 1589, Tulsa, Oklahoma 74100
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit P Sec. 30 Twp. 21-S Rge. 37-E	Yes Unknown

If this production is commingled with that from any other lease or pool, give commingling order number: **R-5273**

V. COMPLETION DATA

Designate Type of Completion - (X) XX	Oil Well ☐ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Same Res'v. ☐ Diff. Res'v. ☒
Date 5-16-76 10-16-76	Date Compl. Ready to Prod. 10-16-76
Elevations (DF, RKB, RT, GR, etc.) 3511' GL	Name of Producing Formation Blinebry
Perforations 5532' to 5731'	Top Oil/Gas Pay 5532'
	Depth Casing Shoe 6809'
TUBING, CASING, AND CEMENTING RECORD	
HOLE SIZE 11"	CASING & TUBING SIZE 8-5/8"
7-7/8"	5-1/2"
4-3/4"	4" liner
	2-3/8"
DEPTH SET 1237'	5877'
5877'	6809' (Top at 5780')
5731'	5731'
SACKS CEMENT 400 sacks (Circulated)	735 sacks (TOC at 2080')
65 sacks (TOC at 5870')	

VI. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 10-16-76	Date of Test 10-16-76	Producing Method (Flow, pump, gas lift, etc.) Swab
Length of Test 24 hours	Tubing Pressure ---	Casing Pressure ---
Actual Prod. During Test 55 barrels	Oil-Bbls. 15	Water-Bbls. 40
		Gas-MCF ---

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (spot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VII. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

C.R. Koyekwa
(Signature)
Project Petroleum Engineer
(Title)
December 1, 1976
(Date)

OIL CONSERVATION COMMISSION

APPROVED **LEO J. JOHNSON**, 19_____
BY **Jerry Clayton**
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

ay

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1185'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 4200'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2500'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2648'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2910'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3393'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3660'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3983'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5164'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____ 5514'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1185'		Red Beds				
	2500'		Anhy & Salt				
	3660'		Anhy & Sand				
	5164'		Lime				
	5514'		Lime & Sand				
	5877'		Lime				

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MAY 30 1972

OIL CONSERVATION COMM.
HOBBS, N. M.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Revised 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Gulf Oil Corporation
3. Address of Operator
Box 670, Hobbs, New Mexico 88240
4. Location of Well

UNIT LETTER D LOCATED 330 FEET FROM THE North h LINE AND 330 FEET FROM
THE West LINE OF SEC. 31 TWP. 21-S RGE. 37-E NMPM
12. County Lea

15. Date Spudded 5-11-72 16. Date T.D. Reached 5-23-72 17. Date Compl. (Ready to Prod.) 5-27-72 18. Elevations (DF, RKB, RT, GR, etc.) 3511' GL 19. Elev. Casinghead --
20. Total Depth 5877' 21. Plug Back T.D. 5835' 22. If Multiple Compl., How Many Single 23. Intervals Drilled By Rotary Tools 0 - 5877' Cable Tools --

24. Producing Interval(s), of this completion - Top, Bottom, Name
5532' to 5731' 25. Was Directional Survey Made No
26. Type Electric and Other Logs Run GR-Acoustic 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8-5/8"</u>	<u>24#</u>	<u>1237'</u>	<u>11"</u>	<u>400 sacks (Circulated)</u>	
<u>5-1/2"</u>	<u>14 & 17#</u>	<u>5877'</u>	<u>7-7/8"</u>	<u>735 sacks (200 at 2080')</u>	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2-3/8"</u>	<u>5720'</u>	<u>--</u>

31. Perforation Record (Interval, size and number)
Perf 5-1/2" casing W/4, .76" JHPF at 5532-34', 5565-67', 5617-19', 5647-49', 5694-96' and 5729-31'.
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL 5532 - 5731' AMOUNT AND KIND MATERIAL USED 1500 gal 15% NEA & 40,000 gal gel water with 0 to 3# SPG.

33. PRODUCTION
Date First Production 5-27-72 Production Method (Flowing, gas lift, pumping - Size and type pump) Flow Well Status (Prod. or Shut-in) Producing
Date of Test 5-29-72 Hours Tested 18 Choke Size 30/64" Prod'n. For Test Period 155 Oil - Bbl. -- Gas - MCF 303 (Load) Water - Bbl. -- Gas-Oil Ratio --
Flow Tubing Press. 350# Casing Pressure 1150# Calculated 24-Hour Rate 206 Oil - Bbl. -- Gas - MCF -- Water - Bbl. -- Oil Gravity - API (Corr.) --

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By J. R. Tate

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED C. J. Kallies TITLE Area Engineer DATE May 30, 1972