

Submit 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 August 1, 2011

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

WELL API NO. 30-045-22034 <b>22035</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Navajo O 12
8. Well Number #2
9. OGRID Number 241333
10. Pool name or Wildcat <del>Large Gallup</del> <b>Basin Manudos</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6421' GL

**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 Midcontinent L.P.

3. Address of Operator  
ATTN: Permitting Specialist 332 Road 3100 Aztec, New Mexico 87410

4. Well Location  
Unit Letter O : 990 feet from the S line and 1800 feet from the E line  
Section 12 Township 25N Range 11W NMPM County San Juan

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL. <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Chevron Midcontinent L.P. respectfully requests approval for a Down Hole Commingle permit as approved by NMAC rule 19.15.12.E., pre-approved pools. The pre-approved pools in question are the Basin Dakota (71599) and the ~~Large Gallup (8000)~~ **Basin Manudos (97232)**.

The fluids from each pool are compatible and combining the fluids will not damage the pools. The commingling will not jeopardize the efficiency of present or future secondary recovery operations in the pools to be commingled. The commingling will not result in the permanent loss of reserves due to cross-flow in the well bore. Fluid-sensitive formations that may be subject to damage from water or other produced liquids are protected from contact with the liquids produced from other pools in the well. The commingling will not reduce the value of the total remaining production. Correlative rights will not be violated.

See attached procedure and well bore diagram.

*Provides CDL For Review/Approval prior to Perforating*

JUN 10 2014

Spud Date:

Rig Release Date:

\* DHC 3900 AB

File C104 & C105 before returning to Production

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

SIGNATURE April E Pohl TITLE Permitting Specialist DATE June 10, 2014

Type or print name April E. Pohl E-mail address: April.Pohl@chevron.com PHONE: 505-333-1941

**For State Use Only**

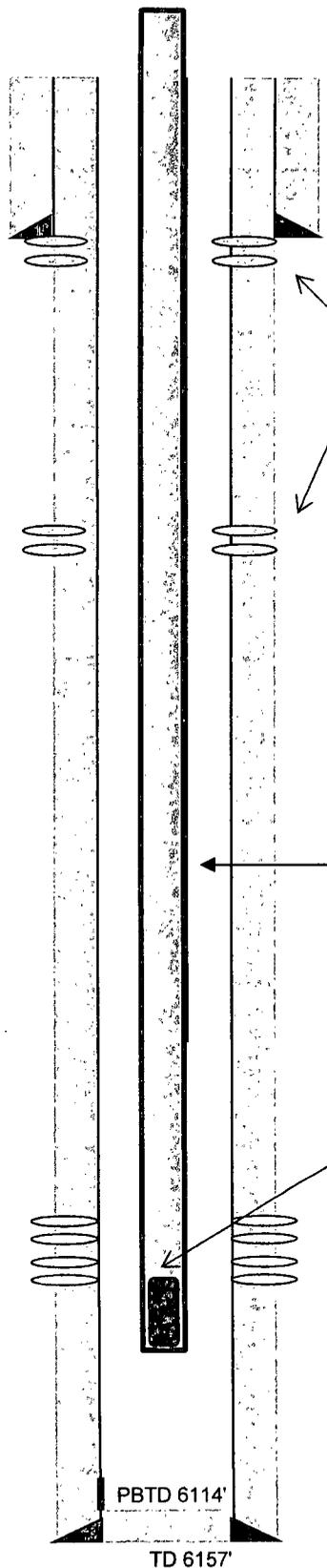
APPROVED BY: Chad Serri TITLE SUPERVISOR DISTRICT # 3 DATE AUG 08 2014  
 Conditions of Approval (if any): AV

- Rig up, install BOP and test
- Pull 5855' of 2-3/8 tubing
- If scale is present on tubing
  - Run 5.5" packer on 2-3/8" tubing, set at ~5900'
  - Acidize Dakota with 2000 gals 15% HCL
  - Release packer and trip out of hole
- Set composite plug at ~5,800' load casing with water and test
- Install frac liner from surface to ~2500' to isolate prior casing repairs
- Perforate Gallup selectively from 5000'-5300'
- Frac Gallup
- Drill out CBP at 5800' proceed cleaning out to PBT 6114'
- Run 2-3/8 production tubing (with 1/4" cap string if necessary) set tubing at ~6060'
- Run pump & rods
- Install pumping unit and ancillary production equipment as needed

# Navajo O 12-2

## San Juan County, New Mexico

Current Schematic as of June 2014



Field Basin  
Elev 6434' KB 6421' GL

7/8/76 8 5/8" 24# K-55 ST&C csg @ 710'  
Cmt w/450 sx Class A  
Circ cmt to surface

Casing repair Nov 2001  
Ran CBL perf 4 holes at 1454' sq w/ 250 sxs  
Temp survey TOC 1100'  
Perf 4 holes @ 760' sq w/ 147 sxs partial returns  
Casing tested OK

7/26/76 2 3/8", 4.7# N-80 8rd ST&C @ 5855'

Plunger Lift Equipment

**Dakota:**

5997-5999, 6025-6027, 6035-6050

7/25/76 Perf @ 2 shots/ft

Acidize w/250 gals acid & 80 ball sealers

7/26/76 Frac w/62000 gals wtr w/20000# 100 mesh sand & 117000# 20/40 sand

Avg rate 52 bpm, Avg press 2100, ISDP 1300

7/19/76 5 1/2" csg @ 6156'

Cmt 1st stage w/365 sx Poz

Cmt 2nd stage w/750 sx Poz

Circ cmt to surface

PBTD 6114'

TD 6157'

San Juan County, New Mexico

API#3004522035

Pure WI =

Pure NRI =

Drilled and Completed in Jul 1976

Cum Production:1358241 MCF

11506 MBO

Dec-03

**Formation Tops**

Pictured Cliffs	1430
Cliff House	2298
Point Lookout	3922
Mancos	4187
Gallup/SD/SH	5001
Greenhorn	5874
Graneros	5934
Dakota	6101

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT OIL CONS. DIV DIST: 3

1 API Number 30-045-22035		2 Pool Code 97232		3 Pool Name LARGO GALLOP BASIN MANA'S	
4 Property Code		5 Property Name NAVAJO 012		6 Well Number 2	
7 OGRID No. 241333		8 Operator Name FOUR STAR OIL & GAS		9 Elevation 6421 GL	

" Surface Location

10 U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	12	25N	11W		990	SOUTH	1800	EAST	SAN JUAN

" Bottom Hole Location If Different From Surface

10 U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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.

16		NAVAJO Allotted 160AC	<p><b>" OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereinafter entered by the division.</p> <p>Signature: James D. Micikas Date: 6-12-14 Printed Name: James D. Micikas E-mail Address: MICIKJD@chevron.com</p> <p><b>"SURVEYOR CERTIFICATION</b> 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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>
		Sec 12	
		NAVAJO Allotted 160AC.	

990'  
 ↑  
 ⊙ ← 1800' →  
 ↓

JUL 29 2014

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

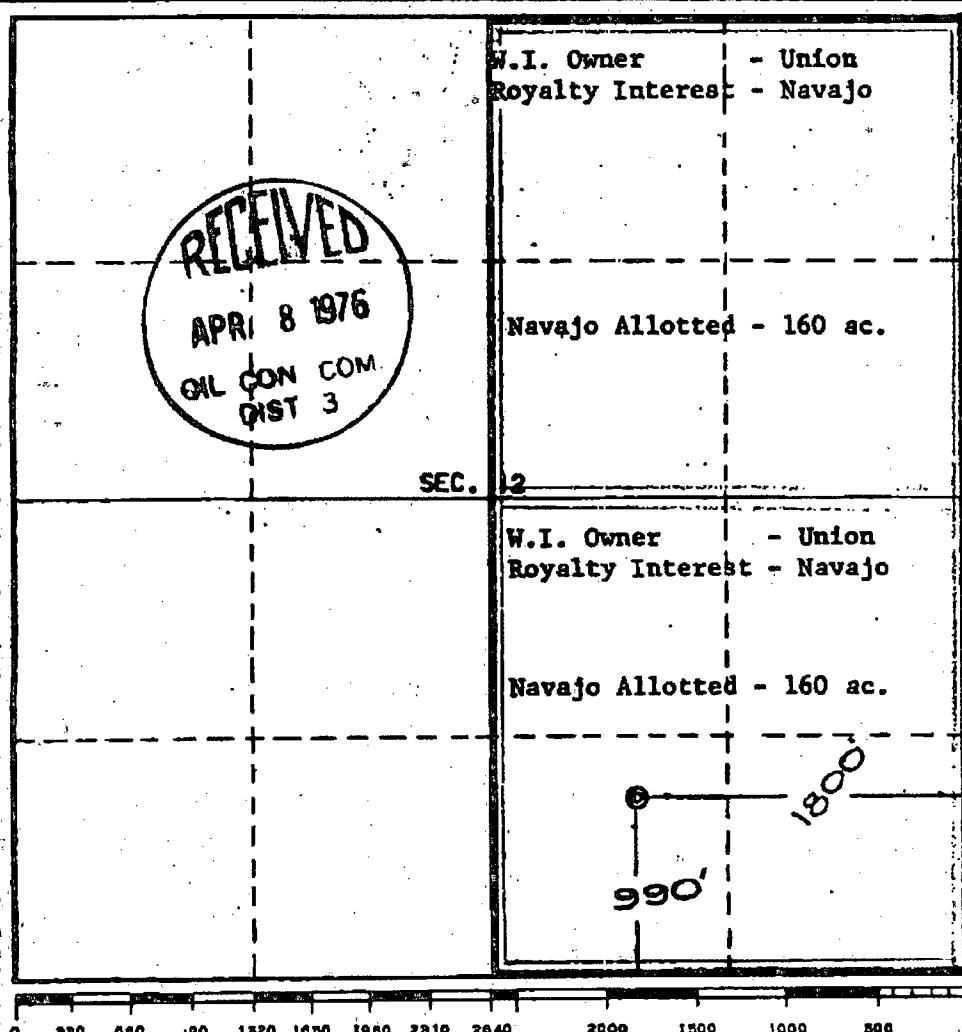
Operator <b>Union Oil Company of California</b>			Lease <b>Navajo</b>		Well No. <b>2 (012)</b>
Unit Letter <b>0</b>	Section <b>12</b>	Township <b>25 North</b>	Range <b>11 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>1800</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6421</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <input checked="" type="checkbox"/> <b>E/320</b> <small>Acres</small>	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_ (SEE REVERSE SIDE)

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



RECEIVED  
APR 8 1976  
OIL CON COM.  
DIST 3

W.I. Owner - Union  
Royalty Interest - Navajo

Navajo Allotted - 160 ac.

SEC. 12

W.I. Owner - Union  
Royalty Interest - Navajo

Navajo Allotted - 160 ac.

990'

1800'

**CERTIFICATION**

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

Name: *F. A. Ladd*

Position: **District Drilling Supt.**

Company: **Union Oil Co. of Calif.**

Date: **April 2, 1976**

**REGISTERED LAND SURVEYOR**  
I certify that the location on this plat was plotted from field notes of observations made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed: **March 29, 1976**

Registered Professional Engineer and/or Land Surveyor

*E. V. Echohawk*

Certificate No. **3602**

**E. V. Echohawk LS**