

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

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-045-22034

22035

5. Indicate Type of Lease

STATE ☐ FEE ☐

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

Large Gallup Basin Manos

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6421' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

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 MANOS (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.

OIL CONS. DIV DIST. 3

Provide CDL For Review/Approval prior to Permitting

JUN 10 2014

Spud Date:

07/08/1976

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:

Charles Pohl

TITLE

SUPERVISOR DISTRICT # 3

DATE

AUG 08 2014

Conditions of Approval (if any):

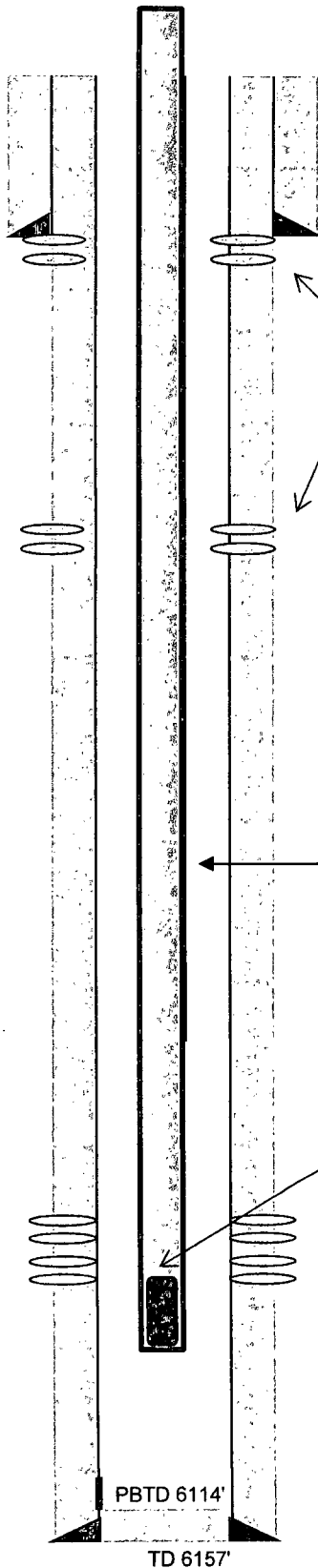
AV

- 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 PBTD 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

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

UL 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

UL 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.

	NAVAJO Allotted 160 AC	<p>" OPERATOR CERTIFICATION 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 undivided 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 heretofore entered by the division.</p> <p>Signature: <u>James D. Micika</u> Date: <u>6-12-14</u></p> <p>Printed Name: <u>James D. Micika</u></p> <p>E-mail Address: <u>MICIKJD@chevron.com</u></p>	
	NAVAJO Allotted 160 AC.		<p>"SURVEYOR CERTIFICATION 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</p> <p>Signature and Seal of Professional Surveyor:</p>

NMOCD

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

JUL 29 2014

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

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

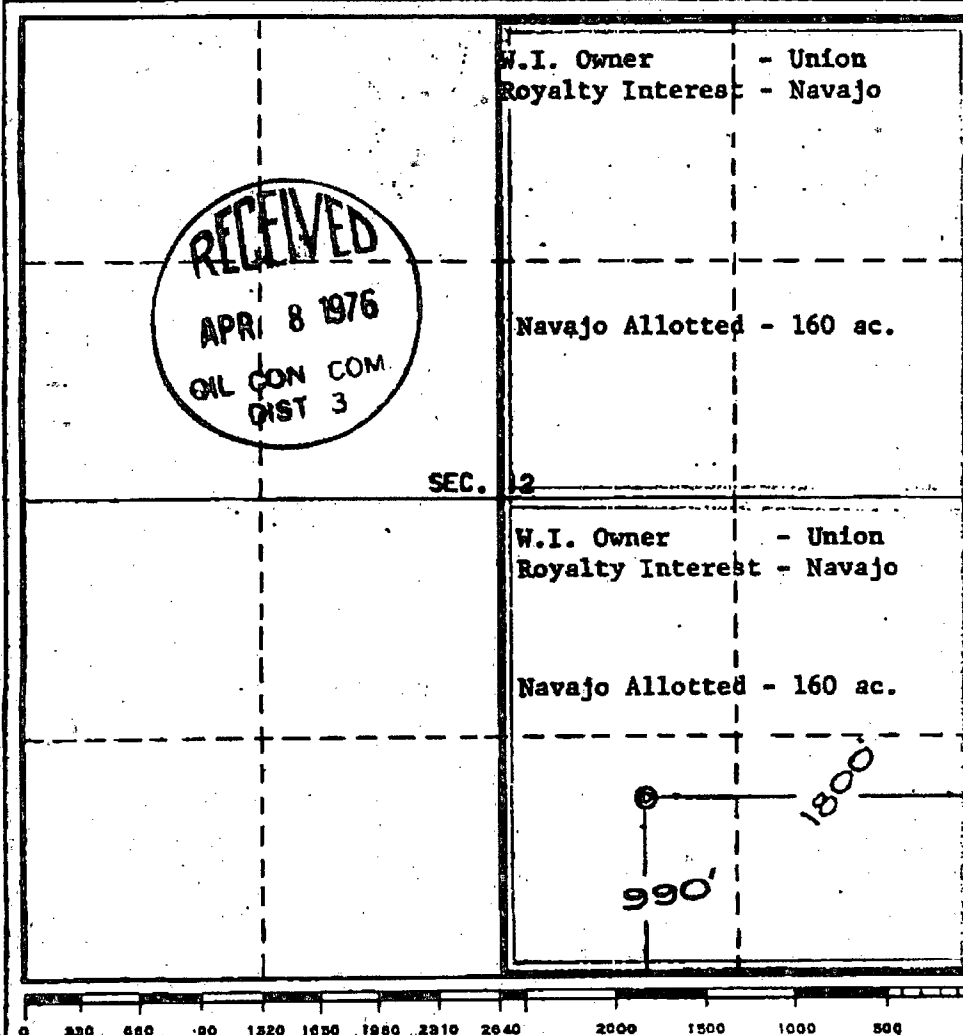
Operator Union Oil Company of California			Lease Navajo		Well No. 2 (012)
Unit Letter 0	Section 12	Township 25 North	Range 11 West	County San Juan	
Actual Footage Location of Well: 990 feet from the South line and 1800 feet from the East line					
Ground Level Elev. 6421	Producing Formation Dakota		Pool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

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



CERTIFICATION

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

Name E. V. Echonhawk
Position District Drilling Supt.
Company Union Oil Co. of Calif.
Date April 2, 1976

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
No. 3602
I hereby certify that the location shown on this plat was plotted from field notes of a survey made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.
E. V. ECHONHAWK

Date Surveyed March 29, 1976
Registered Professional Engineer and/or Land Surveyor

E. V. Echonhawk
Certificate No. 3602
E. V. Echonhawk LS