

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 August 1, 2011

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

WELL API NO. 30-045-22034

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
Navajo L 12

8. Well Number #6

9. OGRID Number 241333

10. Pool name or Wildcat

Largo Gallup *BASIN MANA*

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 L : 1650 feet from the S line and 1150 feet from the W line

Section 12 Township 25N Range 11W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6388' 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 Largo Gallup (8000). *BASIN MANA*

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.

*\* Provide CDL to AGENCIES prior to perforation for review/*

Spud Date: 06/16/1976

Rig Release Date:

OIL CONS. DIV DIST. 3

JUN 10 2014

DHC 3903 A2

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 TITLE SUPERVISOR DISTRICT #3 DATE 8-13-14

Conditions of Approval (if any):

AY

*C-102 rec'd 8-13-14 needed for final approval*

- Rig up, install BOP and test
- Pull 6053' of 2-3/8 tubing
- If scale is present on tubing
  - Run 5.5" packer on 2-3/8" tubing, set at ~5850'
  - 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
- Run sector (or similar ) CBL 5800' to surface
  - Squeeze if insufficient cement above proposed Gallup perms
    - Discuss detailed cementing process with agencies
  - Drill out cement and test squeeze holes
- Perforate Gallup selectively from 4950'-5200'
- Install frac liners (over squeeze hole(s) and DV tool), frac Gallup
- Recover frac liners
- Drill out CBP at 5850' and cleanout to PBTD 6183'
- Run 2-3/8 production tubing (with 1/4" cap string) set tubing at ~6050'
- Run pump & rods
- Install pumping unit and ancillary production equipment as needed

# Navajo L12-6

## San Juan County, New Mexico

Current Schematic as of June 2014

API: 30-045-22034  
Legals: Sec 12 - T 25N - R 11W  
Field: Basin

KB 13'  
KB Elev 6401'  
GR Elev 6388'

Spud Date: 6/6/76  
Compl Date: 7/6/76

### Formation Tops

Pictured Cliffs  
Cliff House  
Point Lookout  
Mancos  
Gallup/SD/SH  
Greenhorn  
Jicarilla  
Graneros sd.  
Dakota  
Morrison

### Surface Casing:

8-5/8" 24# J-55 Set @ 700' in 12-1/4" hole  
Cmt'd with 450 sks  
TOC = 0' (circ cmt to surface)

### Tubing Details (8/2/2001)

2-3/8" 4.7#/ft N-80  
EOT@6027'

November 2001 perf 4 sq holes at 1450 & squeeze w/ 250 sxs cement

DV Tool @ 4212.58'

### Dakota Perforations (7/1/76)

Perf 2 holes/ft, 5971'-5973', 5999'-6002', 6009'-6019', 6025'-6031', 6037'  
Acidize w/250 gals acid & 90 ball sealers  
Frac w/65000 gals 2% gelled KCl water w/20,000# 100 mesh sand & 121,500#  
Avg rate 64 bpm, Avg press 2400, ISDP 1700

PBTD = 6183'

TD = 6220'

### Prod Csg:

5-1/2" 15.5# J-55 8rd LT&C csg @ 6219.70' in 7-7/8" hole  
Cmt 1st stage w/150 sx 65/35 Poz followed by 100 sx 50/50 Poz  
Cmt 2nd stage w/500 sx 65/35 Poz followed by 100 sx 50/50 Poz  
No cmt @ surface- TOC @ ?

# Navajo L12-6

San Juan County, New Mexico

Proposed Schematic as of June 2014

API: 30-045-22034  
Legals: Sec 12 - T 25N - R 11W  
Field: Basin

KB 13'  
KB Elev 6401'  
GR Elev 6388'

Spud Date: 6/6/76  
Compl Date: 7/6/76

## Formation Tops

Pictured Cliffs	1394
Cliff House	2250
Point Lookout	3868
Mancos	4136
Gallup/SD/SH	4959
Greenhorn	5840
Jicarilla	5967
Graneros sd.	5997
Dakota	6070
Morrison	6177

Surface Casing:  
8-5/8" 24# J-55 Set @ 700' in 12-1/4" hole  
Cmt'd with 450 sks  
TOC = 0' (circ cmt to surface)

Tubing Details (8/2/2001)  
2-3/8" 4.7#/ft N-80  
EOT@6027'

November 2001 perf 4 sq holes at 1450 & squeeze w/ 250 sxs cement

Pump and rods

DV Tool @ 4212.58'

Proposed Gallup perforations 4950-5200'

Dakota Perforations (7/1/76)  
Perf 2 holes/ft, 5971'-5973', 5999'-6002', 6009'-6019', 6025'-6031', 6037'  
Acidize w/250 gals acid & 90 ball sealers  
Frac w/65000 gals 2% gelled KCl water w/20,000# 100 mesh sand  
& 121,500# 20/40 sand  
Avg rate 64 bpm, Avg press 2400, ISDP 1700

PBTD = 6183'

TD = 6220'

Prod Csg:  
5-1/2" 15.5# J-55 8rd LT&C csg @ 6219.70' in 7-7/8" hole  
Cmt 1st stage w/150 sx 65/35 Poz followed by 100 sx 50/50 Poz  
Cmt 2nd stage w/500 sx 65/35 Poz followed by 100 sx 50/50 Poz

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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

OIL CONS. DIV DIST. 3

AUG 13 2014

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-22034	<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name LARGO GALLUP	BASIN MANCOS
<sup>4</sup> Property Code	<sup>5</sup> Property Name NAVAJO L 12		<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 241333	<sup>8</sup> Operator Name FOUR STAR OIL & GAS		<sup>9</sup> Elevation 6388'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	25N	11W		1650	SOUTH	1150	West	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> NAVAJO Allotted 160-ac          SECTION 12  NAVAJO Allotted 160-ac  —1150'—⊙     1650'  	<sup>17</sup> 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 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 heretofore entered by the division. Signature: <u>James D. Micikas</u> Date: <u>6-14-14</u> Printed Name: <u>JAMES D. MICIKAS</u> E-mail Address: <u>micikjd@chevron.com</u>
	<sup>18</sup> 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.  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

( STATE )

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.

OIL CONS. DIV DIST. 3

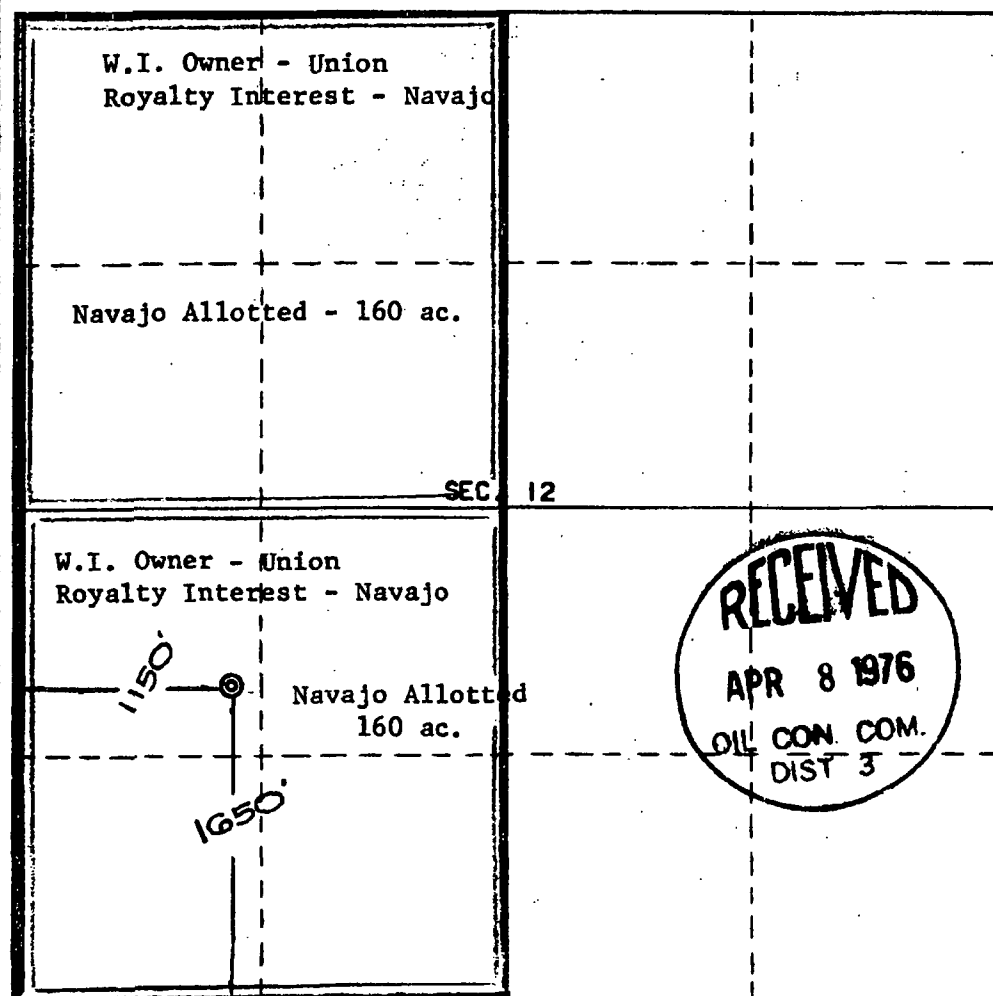
Operator <b>Union Oil Company of California</b>		Lease <b>Navajo</b>		Well No. <b>6</b> (L12)	
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>25 North</b>	Range <b>11 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>South</b> line and <b>1150</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6388</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>W/320</b> Acres

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. Echhawk*  
Position  
**District Drilling Supt.**  
Company  
**Union Oil Company of Calif.**  
Date  
**April 2, 1976**

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.

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

*E. V. Echhawk*  
Certificate No. **3602**  
**E.V. Echhawk LS**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0  
Area to be Communitized Lease Lines