

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. 30-045-22029	
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 E 18	
8. Well Number #5	
9. OGRID Number 241333	
10. Pool name or Wildcat Largo Gallup BASIN MANUOS	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6482' 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 E: 1500 feet from the N line and 1150 feet from the W line
Section 18 Township 25N Range 10W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6482' 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 ☒

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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)~~.

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 CBL to AGENCIES for review/approval prior to posting

OIL CONS. DIV DIST.

JUN 10 2014

Spud Date:

05/23/1976

Rig Release Date:

DHC 3901 AZ

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: Wah Hzy TITLE Deputy Oil & Gas Inspector, DATE 8-13-14

Conditions of Approval (if any):

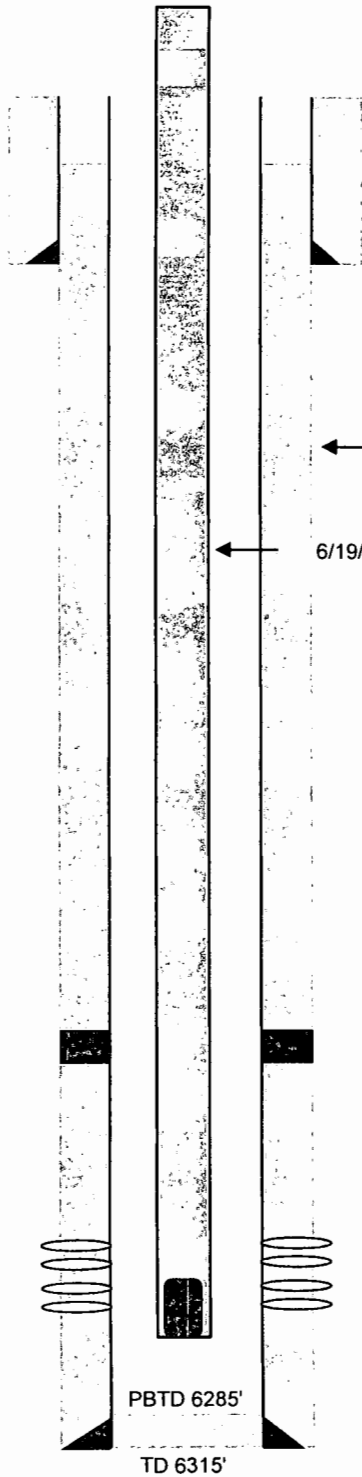
PV

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

Chevron Midcontinent L.P. respectfully requests to down hole commingle the current Basin Dakota pool with the Largo Gallup pool.

- Rig up, install BOP and test
- Pull 2-3/8" production tubing
- If scale is present on tubing
 - Run 5.5" packer on 2-3/8" tubing, set at ~6000'
 - 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.
- Perforate Gallup selectively from 5000'-5300'
- Install frac liner over DV tool @ 4247' and frac Gallup
- Recover frac liner
- Drillout CBP at 5800' and cleanout to PBTD 6285'
- Run 2-3/8 production tubing (with 1/4" cap string if needed) set tubing at ~6150'
- Run pump & rods
- Install pumping unit and ancillary production equipment as needed

Navajo E18-5
San Juan County, New Mexico
Current WBD



1500 FNL 1150 FWL Sec 18 T25N R10W
Field: Basin
Elev 6494' KB 6482' GL
API# 30-045-22029

5/25/76 8 5/8" 24# J-55 8rd @ 785'
Cmt w/500 sx Class A
Circ cmt to surface

← TOC unknown
2009 & 2012 BH test indicates no issue

← 6/19/76 2 3/8" 4.7# N-80 tbg @ 5972'

DV Tool @ 4247'

Dakota

6065-6067, 6094-6095, 6104-6106, 6117-6128

6/19/76 Frac w/53000 gals gelled wtr w/16000# 100 mesh sand & 96500# 20/40 sand
Avg rate 53 bpm, Avg press 2500, ISDP 2400

6/4/76 5 1/2" 15.5# K-55 8rd LT&C csg @ 6314'

Cmt 1st stage w/150 sx Class B 65/35 Poz followed by 100 sx Class B 50/50 Poz

Cmt 2nd stage w/500 sx 65/35 Poz followed by 100 sx Class B 50/50 Poz

Did not circulate cement to surface, but had full returns during entire cementing operation

Drilled and Completed May 1976

Formation Tops

Pictured Cliffs	1498
Cliff House	2368
Point Lookout	4000
Mancos	4240
Gallup/SD/SH	5054
Greenhorn	5932
Graneros	5998
Dakota	6188
Morrison/Jurassic	6280

Navajo E18-5

San Juan County, New Mexico

Proposed WBD

1500 FNL 1150 FWL Sec 18 T25N R10W

Field: Basin

Elev 6494' KB 6482' GL

API# 30-045-22029

5/25/76 8 5/8" 24# J-55 8rd @ 785'

Cmt w/500 sx Class A

Circ cmt to surface

Drilled and Completed in May 1976

Formation Tops

Pictured Cliffs	1498
Cliff House	2368
Point Lookout	4000
Mancos	4240
Gallup/SD/SH	5054
Greenhorn	5932
Graneros	5998
Dakota	6188
Morrison/Jurassic	6280

← TOC unknown

2009 & 2012 BH test indicates no issue

← 2 3/8" 4.7# N-80 tbg @ ~6150' with 1/4" cap string

← PUMP and Rods

DV Tool @ 4247'

Proposed Gallup Perforations 5000-5300'

Dakota

6065-6067, 6094-6095, 6104-6106, 6117-6128

6/19/76 Frac w/53000 gals gelled wtr w/16000# 100 mesh sand & 96500# 20/40 sand

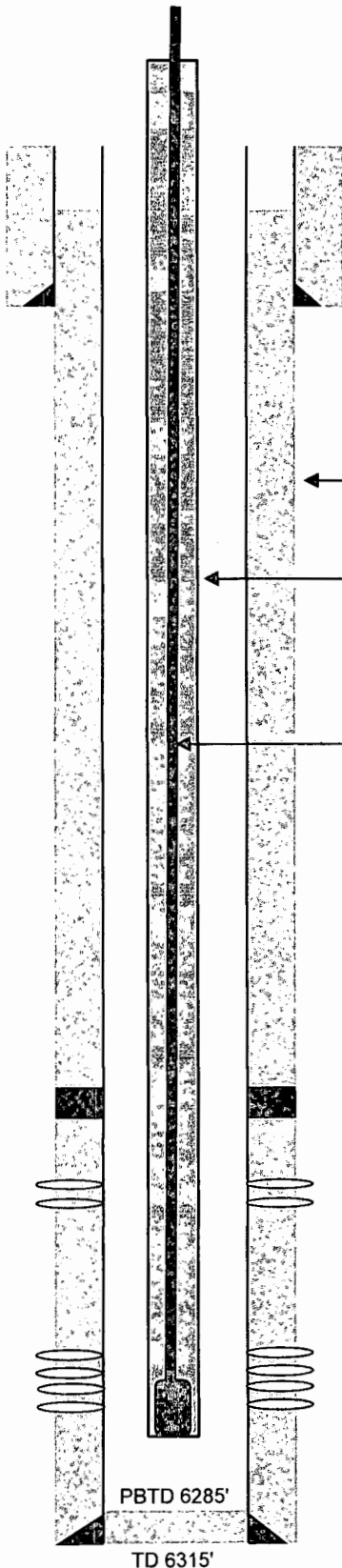
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Did not circulate cement to surface, but had full returns during entire cementing operation



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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

AUG 13 2014

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-22029	² Pool Code 97232	³ Pool Name LARGO Gallup	⁴ Property Code NAVAJO	⁵ Property Name E 18	⁶ Well Number 5
⁷ OGRID No. 241333	⁸ Operator Name FOUR STAR OIL & GAS			⁹ Elevation 6482' GL	

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
E	18	25N	10W		1500	North	1150	West	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 318.99	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.

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>James D. Micikas</i> 6-14-14 Signature Date</p> <p>James D. Micikas Printed Name</p> <p>MicikJd@chevron.com E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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> <p>Certificate Number</p>

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

OIL CONS. DIV DIST. 3

(STATE)
Form C-102
Supersedes C-128
Effective 1-1-65

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

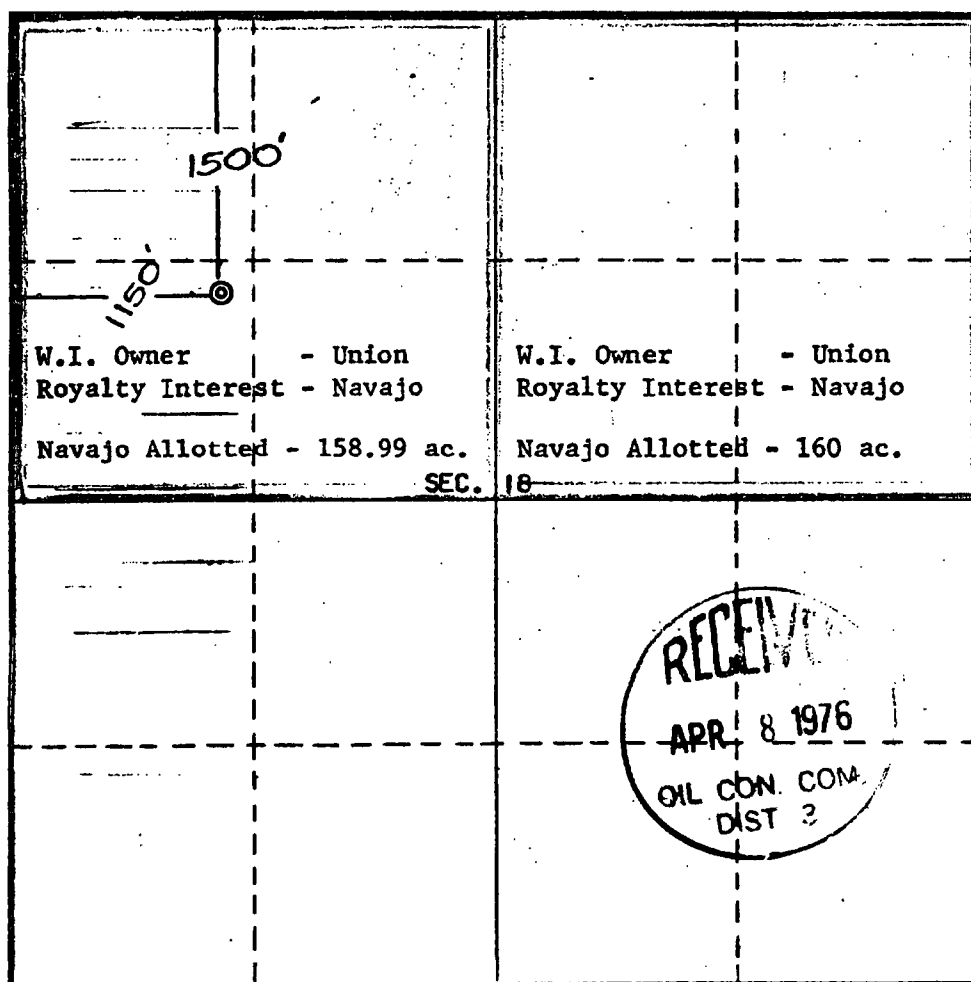
Operator Union Oil Company of California			Lease Navajo		AUG 13 2014	Well No. 5	(E18)	
Unit Letter E	Section 18	Township 25 North	Range 10 West	County San Juan				
Actual Footage Location of Well: 1500 feet from the North line and 1150 feet from the West line								
Ground Level Elev. 6482	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 318.99			Acres

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.



CERTIFICATION

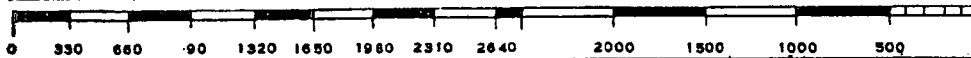
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

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

REGISTERED LAND SURVEYOR
I hereby certify that the location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.
ERNEST V. ECHHAWK

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

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



Area to be Communitized

Lease Lines