

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.
30-045-29519

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Vine

8. Well Number 1

9. OGRID Number

14634

10. Pool name or Wildcat

West Kutz PC

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

Merrion Oil & Gas Corporation

3. Address of Operator

610 Reilly Ave, Farmington, NM 87401

4. Well Location

Unit Letter D : 670 feet from the North line and 1290 feet from the West line

Section 15 Township 29N Range 13W NMPM County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5335'

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 ☐

CLOSED-LOOP SYSTEM ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ~~Return to Production~~ ☐

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.

Merrion Oil & Gas proposes to P&A the above mentioned well as outlined in the attached procedure.

Notify NMOCD 24 hrs prior to beginning operations

OIL CONS. DIV DIST. 3

NOV 21 2016

Spud Date:

Rig Release Date:

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

SIGNATURE

Philana Thompson

TITLE Regulatory Compliance Specialist DATE 11/17/2016

Type or print name Philana Thompson E-mail address: pthompson@merrion.bz PHONE: 505-486-1171

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY:

Bob Bell

TITLE

DATE 11/30/16

Conditions of Approval (if any):

AV



Merrion Oil & Gas
Plug & Abandon Procedure
October 07, 2016

Well:	Vine Com #1	API:	30-045-29519
Location:	670' FNL & 1290' FWL	Field:	Kutz West
Sec, T, R:	Sec. 15, T29N, R13W	Elevation:	GL: 5340'; KB: 5335'
Cnty/State:	San Juan, New Mexico		
Lat/Long:	36.7318993; -108.1978989	By:	Aztec Well Servicing

Objective:

Permanently plug & abandon the well from 1193' to surface containing 3 separate cement plugs.

Prior to Rig:

1. Notify NMOCD
2. Note: verify all cement volumes based on actual slurry to be pumped.
3. See attached COA's from NMOCD

Procedure:

1. MIRU P&A package & spot tubing trailers
2. MIRU Co-rod unit - TOO H w/ Co-Rod and smith lift system
3. ND WH & NU BOP - RU rig floor & handing equipment
4. Unset & LD tubing donut,
-TOOH & LD old 2-3/8" production tubing, and MOL
5. Tally & TIH w/ 4-1/2" casing scraper & workstring to 1150'
6. TOO H & LD casing scraper
7. RIH & set CICR at 1128'. Pressure test tubing prior to pumping cement to 1000psi.
8. Load casing - circulate the well clean.
9. Close pipe rams & pressure test casing to 800psi (note: circulated cement to surface on primary cement job).
10. Plug #1: 1028' - 1128' (PC top: 1178', Perfs: 1178' - 1193'): Mix & pump 9sx (10.6 cf) of Class B cement (or equivalent) on CIBP to plug off Pictured Cliffs.
11. TOO H & LD tubing to 850'



Family-owned, founded in 1963 with Aztec Well Servicing Co.



Merrion Oil & Gas
Plug & Abandon Procedure
October 07, 2016

Well:	Vine Com #1	API:	30-045-29519
Location:	670' FNL & 1290' FWL	Field:	Kutz West
Sec, T, R:	Sec. 15, T29N, R13W	Elevation:	GL: 5340'; KB: 5335'
Cnty/State:	San Juan, New Mexico		
Lat/Long:	36.7318993; -108.1978989	By:	Aztec Well Servicing

Procedure Cont.:

12. **Plug #2: 700' - 850' (Fruitland Top: 800'):** Spot 12 sxs (14.2 cf) Class B cement in a balanced plug inside casing to cover Fruitland top
13. **TOOH w/ tubing to 550'**
-Reverse circulate tubing clean
14. **Possible WOC = 4hrs, only if pressure test does not hold**
-TIH & Tag TOC no lower than calculated
15. **TOOH & LD tubing to 150'**
16. **Plug #3: (178' to 0' Surface):** Mix & pump 14sxs (16.5 cf) of Class B cement down tbg up 4.5" casing. If BH test fails, Perforate at 150' and attempt to establish circulation to surface down casing & out the bradenhead valve (note: circulated cement to surface on surface casing when well was drilled). Mix approximately 22 sxs (25.96 cf) of cement and pump down the 4.5" casing to circulate out the BH valve. Circulate good cement to surface. If unable to circulate, top off as necessary.
17. **TOOH & LD all tubing, Top off casing with cement as necessary.**
18. **ND BOP & cut off wellhead below surface casing flange per regulation. Tag TOC in 7" CSG, top off as necessary. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per stipulations.**

THE AZTEC WELL FAMILY

Family-owned, founded in 1963 with Aztec Well Servicing Co.



Merrion Oil & Gas Plug & Abandon Procedure October 07, 2016

Well:	Vine Com #1	API:	30-045-29519
Location:	670' FNL & 1290' FWL	Field:	Kutz West
Sec, T, R:	Sec. 15, T29N, R13W	Elevation:	GL: 5340'; KB: 5335'
Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.7318993; -108.1978989		

Vine Com #1

Proposed P&A

Pictured Cliffs

670' FNL & 1290' FWL, Section 15, T29N, R13W, San Juan County, NM
API #30-045-29519

Date: 10/6/16

Elevation: 5340' GL
5+A1340' KB

Ojo Alamo @ Surface

Kirtland @ 76'

Fruitland @ 800'

FTC @ 1144'

Pictured Cliffs @ 1178'

Hole Size
6.25"

Hole Size: 8-3/4"

7", 23#, Casing set @ 128'
Cement w/ 75 sxs, circulated cmt to surf

Plug #3: 178' - 0'
Class B cement, 14 sxs (16.5 cf)

Plug #2: 700' - 850'
Class B cement, 12 sxs (14.2 cf)

Set CICR @ 1128'
Plug #1: 1028' - 1128'
Class B cement, 9 sxs (10.6 cf)

Pictured Cliffs:
1178' - 1193'

4.5", 10.5#, J-55 casing set @ 1343'
Cement w/ 100 sx & 100 sx tail
Circulated cement to surface

PBTD: 1305'
TD: 350'

Merrion Oil & Gas Corporation Wellbore Schematic

Vine Com No. 1

API: 30-045-29519

Current Wellbore Configuration

Location: 670' fnl & 1290' fwl (nw nw)
Sec 15, T29N, R13W, N44PA
San Juan County, New Mexico

Date: Nov 01, 2010

Updated: Nov 03, 2010 jrd

Smith Lift Combo unit:
SB 234

Elevation: 5340' RKB
5335' GL

Prepared by: J. Ryan Davis

