Received by Och 2/4/2021 10:40:27 AM Office	State of New Mexico	Form C-103 <sup>1</sup> of 7
District I – (575) 393-6161 E1 1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748 1383	nergy, Minerals and Natural Resources	Revised July 18, 2013 WELL API NO. 30-045-30421
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.	STATE FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
	ND REPORTS ON WELLS DRILL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION I	FOR PERMIT" (FORM C-101) FOR SUCH	Possible Dream Com
PROPOSALS.)  1. Type of Well: Oil Well  Gas Well  Other		8. Well Number
2. Name of Operator Merrion Oil & Gas Corporation		9. OGRID Number 14634
3. Address of Operator		10. Pool name or Wildcat
610 Reilly Ave, Farmington, NM 87401		Fulcher Kutz PC
4. Well Location		
Unit Letter D :1026feet	t from the _North line and1026	6feet from the _Westline
Section 36 Township 30	•	,
11. EI	evation (Show whether DR, RKB, RT, GR, etc. 5648	2.)
12. Check Approp	riate Box to Indicate Nature of Notice.	Report or Other Data
11 1		•
NOTICE OF INTENT PERFORM REMEDIAL WORK ☐ PLUG		BSEQUENT REPORT OF:  RK □ ALTERING CASING □
<del></del>	<u> </u>	RILLING OPNS. P AND A
<del>-</del>	TIPLE COMPL CASING/CEMEN	<del>_</del>
DOWNHOLE COMMINGLE	II LE GOIVII L	
CLOSED-LOOP SYSTEM ☐	_	_
OTHER:	OTHER:	
	E RULE 19.15.7.14 NMAC. For Multiple Co	nd give pertinent dates, including estimated date ompletions: Attach wellbore diagram of
Merrion Oil & Gas proposes to plug the abo	ve mentioned well according to the attached p	lan.
Count Date:	Die Deleser Deter	
Spud Date:	Rig Release Date:	
I hereby certify that the information above is	true and complete to the best of my knowled	ge and belief.
		B
SIGNATURE_Philana ThompsonTITI	LEHSE & Regulatory Compliance	DATE2/4/2021_
Type or print namePhilana Thompson <u>For State Use Only</u>	E-mail address:pthompson@mer	rion.bz PHONE: _505-486-1171
APPROVED BY:		

### PLUG AND ABANDONMENT PROCEDURE

January 16, 2021

#### Possible Dream 31

Fulcher Kutz Pictured Cliffs 1026' FNL & 1026' FWL, Unit D, Section 36, T30N, R13W, San Juan County, New Mexico API 30-045-30421

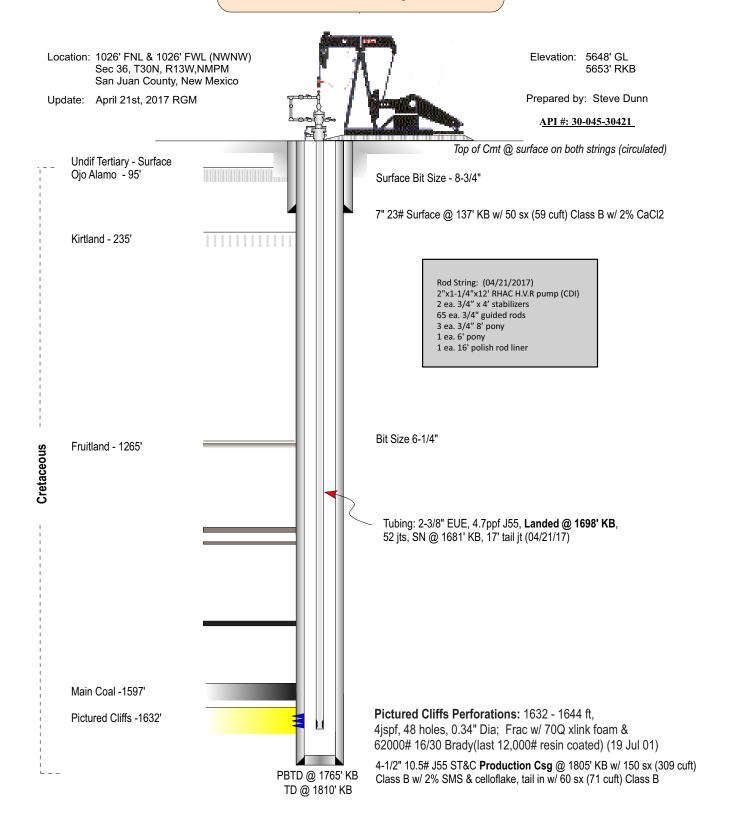
Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

- 1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
- Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety
  regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on
  location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well.
  Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND
  wellhead and NU BOP. Function test BOP.
- 3. Plug #1 (Pictured Cliffs perforations and top, 1582' 1482'): Round trip mill or gauge ring to 1582'. Set 4.5" CR @ 1582'. Mix and pump 12 sxs Class G cement and spot a balanced plug inside casing to isolate the Pictured Cliffs perforations and Pictures Cliffs <u>Attempt to pressure</u> test casing to 800#. If casing does not test then spot or tag subsequent plugs as necessary.
- 4. Plug #2 (Fruitland top, 1315'- 1215'): Mix and pump 12 sxs Class G cement and spot a balanced plug inside casing to cover the Fruitland top. PUH.
- 5. Plug #4 (Kirtland/Ojo Alamo tops, 7" Surface casing shoe and Surface, 285' Surface): Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 27 sxs cement and spot a balanced plug from 285' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and annulus from the squeeze holes to surface. Shut in well and WOC.
- ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A
  marker to comply with regulations. Record GPS coordinate for P&A marker on tower report.
  Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM
  stipulations.

# Merrion Oil & Gas Wellbore Schematic

## Possible Dream No. 1

**Current Wellbore Configuration** 



## Possible Cream Com 001

## Proposed P&A

Today's Date: January 16, 2021

Fulcher Kutz Pictured Cliffs
Unit D, 1026' FNL & 1026' FWL, Section 36, T30N, R13W
San Juan County, NM, API #30-045-30421

Circulated cement to surface Ojo Alamo @ surface 8.75" hole 7", 23# casing set @ 137' Cement w/50 sxs, circulated Plug #3: 285' - 0' Class G cement, 27 sxs Kirtland @ 235' Plug #2: 1315' - 1215' Fruitland @ 1265' Class G cement, 12 sxs Plug #1:1582' - 1482'

> PBTD @ 1762' TD @ 1810'

Pictured Cliffs @ 1632'

6.25" hole

Set CR @ 1582' Pictured Cliffs Perforations: 1632' - 1644'

4.5",10.5#, Casing set @ 1805' Cement with 210 sxs (380 cf), circulated to surface

Class G cement, 12 sxs

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District III
1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

COMMENTS

Action 16952

#### **COMMENTS**

Operator:			OGRID:	Action Number:	Action Type:
MERRION OIL & GAS CORP	610 Reilly Avenue	Farmington, NM87401	14634	16952	C-103F

Created By	Comment	Comment Date
kpickford	KP GEO Review 2/10/2021	02/10/2021

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Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 16952

#### **CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
MERRION OIL & GAS CORP	610 Reilly Avenue	Farmington, NM87401	14634	16952	C-103F

OCD Reviewer	ondition	
kpickford	Notify NMOCD 24 hours prior to beginning operations	
kpickford	Extend surface plug 358'-0'. Kirtland top @ 308'.	