

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. 30-045-30429
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Knight Com
8. Well Number #1
9. OGRID Number 14634
10. Pool name or Wildcat Fulcher 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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Merrion Oil & Gas Corporation	
3. Address of Operator 610 Reilly Ave, Farmington NM 87401	
4. Well Location Unit Letter <u>M</u> : <u>417</u> feet from the <u>South</u> line and <u>860</u> feet from the <u>West</u> line Section <u>36</u> Township <u>30N</u> Range <u>13W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5545'	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <u>RTP & Tbg</u> <input checked="" type="checkbox"/>	

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 Spec 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: Brad Rell TITLE Deputy Oil & Gas Inspector DATE 11/30/16

Conditions of Approval (if any):

fy

5

Merrion Oil & Gas Corporation Wellbore Schematic

Knight Com No. 1

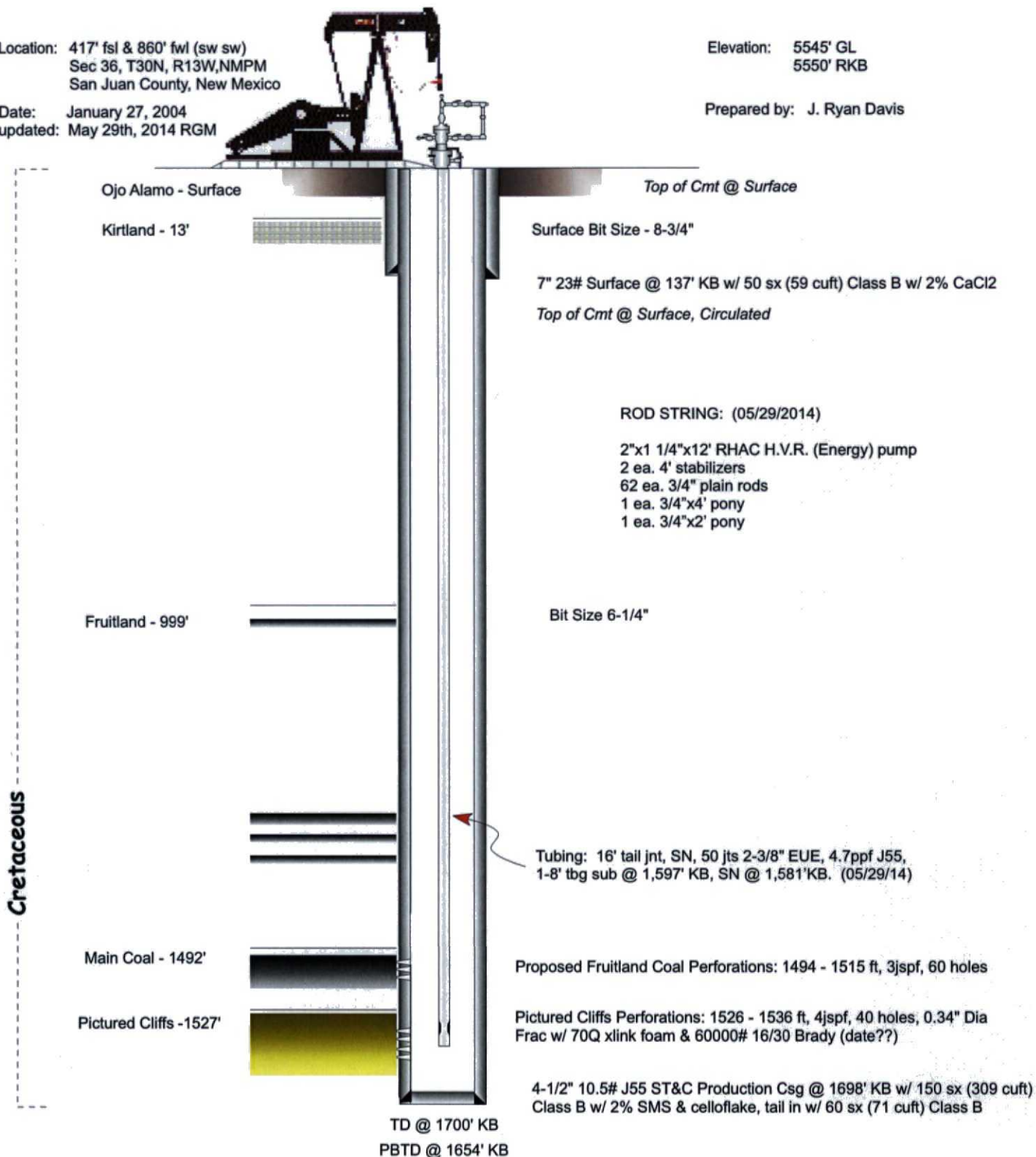
Current Wellbore Configuration

Location: 417' fsl & 860' fwl (sw sw)
Sec 36, T30N, R13W, NMPM
San Juan County, New Mexico

Elevation: 5545' GL
5550' RKB

Date: January 27, 2004
updated: May 29th, 2014 RGM

Prepared by: J. Ryan Davis





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



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

Well:	Knight Com #1	API:	30-045-30429
Location:	417' FSL & 860' FWL	Field:	Kutz West
Sec, T, R:	Sec. 36, T30N, R13W	Elevation:	GL: 5545'; KB: 5550'
Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.7636909; -108.1633301		

Objective:

Permanently plug & abandon the well from 1536' 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. TOOH & LD rods & pump
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 1500'
6. TOOH & LD casing scraper
7. RIH & set CIBP at 1476'. 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, 1376' - 1476' (PC top: 1527', Perfs: 1526' - 1536'): Mix & pump 9sx (10.6 cf) of Class B cement (or equivalent) on CIBP to plug off Pictured Cliffs.
11. TOOH & LD tubing to 1049'



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

Well:	Knight Com #1	API:	30-045-30429
Location:	417' FSL & 860' FWL	Field:	Kutz West
Sec, T, R:	Sec. 36, T30N, R13W	Elevation:	GL: 5545'; KB: 5550'
Cnty/State:	San Juan, New Mexico		
Lat/Long:	36.7636909; -108.1633301	By:	Aztec Well Servicing

Procedure Cont.:

12. **Plug #2, 899' - 1049' (Fruitland Top: 999'):** Spot 12 sxs (14.2 cf) Class B cement in a balanced plug inside casing to cover Fruitland top.
13. **TOOH w/ tubing to 750'**
 - 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 187'**
16. **RU pump to BH and test to 200psi. (perforate at 150' and attempt to circulate if test does not hold)**
17. **Plug #3 (Surface: 187' - 0'):** Mix & pump 15sxs (17.7 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.
18. **TOOH & LD all tubing. Top off casing with cement as necessary.**
19. **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.**



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

Well:	Knight Com #1	API:	30-045-30429
Location:	417' FSL & 860' FWL	Field:	Kutz West
Sec, T, R:	Sec. 36, T30N, R13W	Elevation:	GL: 5545'; KB: 5550'
Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.7636909; -108.1633301		

Knight #1 Proposed P&A

Pictured Cliffs

417' FSL & 860' FWL, Section 36, T30N, R13W, San Juan County, NM
API #30-045-30429

Date: 10/6/16

Elevation: 5545' GL
5550' KB

Ojo Alamo @ Surface

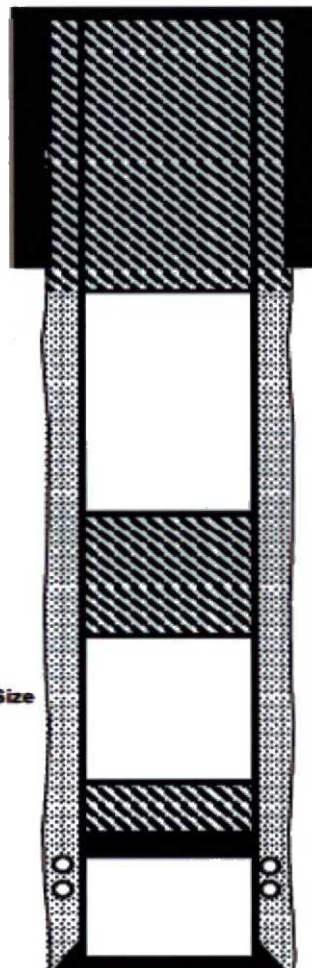
Kirtland @ 13'

Fruitland @ 999'

FTC @ 1492'

Pictured Cliffs @ 1527'

Hole Size
6.25"



Hole Size: 8-3/4"

7", 23#, Casing set @ 137'
Cement w/ 50 sxs, circulated cmt to surf

Plug #3: 187' - 0'.
Class B cement, 15 sxs (17.7 cf)

Plug #2: 899' - 1049'
Class B cement, 12 sxs (14.2 cf)

Set CICR @ 1476'
Plug #1: 1376' - 1476'
Class B cement, 9 sxs (10.6 cf)

Pictured Cliffs:
1526' - 1536'

4.5", 10.5#, J-55 casing set @ 1698'
Cement w/ 150 sx & 60 sx tail
Circulated cement to surface

PBTD: 1654'
TD: 1700'