

February 16, 2016

JOHNNY TITSWORTH

Burnett Oil Co., Inc

P. O. BOX 188

LOCO HILLS, NM 88255

RE: JACKSON B #44

Enclosed are the results of analyses for samples received by the laboratory on 02/09/16 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Burnett Oil Co., Inc
JOHNNY TITSWORTH
P. O. BOX 188
LOCO HILLS NM, 88255
Fax To: None

Received: 02/09/2016
Reported: 02/16/2016
Project Name: JACKSON B #44
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 02/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: AH-1 0-1' (H600288-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2016	ND	2.10	105	2.00	2.38	
Toluene*	<0.050	0.050	02/12/2016	ND	2.08	104	2.00	2.62	
Ethylbenzene*	0.073	0.050	02/12/2016	ND	1.90	95.0	2.00	2.16	
Total Xylenes*	0.272	0.150	02/12/2016	ND	5.71	95.2	6.00	2.49	
Total BTX	0.345	0.300	02/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/12/2016	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	34.0	10.0	02/10/2016	ND	226	113	200	1.04	
DRO >C10-C28	807	10.0	02/10/2016	ND	215	108	200	0.440	

Surrogate: 1-Chlorooctane 99.2 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

Sample ID: AH-1 1-1.5' (H600288-02)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/12/2016	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Burnett Oil Co., Inc
JOHNNY TITSWORTH
P. O. BOX 188
LOCO HILLS NM, 88255
Fax To: None

Received: 02/09/2016
Reported: 02/16/2016
Project Name: JACKSON B #44
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 02/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: AH-1 2-2.5' (H600288-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/12/2016	ND	432	108	400	0.00	

Sample ID: AH-1 3-3.5' (H600288-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2016	ND	416	104	400	3.77	

Sample ID: AH-1 4-4.5' (H600288-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2016	ND	416	104	400	3.77	

Sample ID: AH-1 5-5.5' (H600288-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2016	ND	416	104	400	3.77	

Sample ID: AH-1 6-6.5' (H600288-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/15/2016	ND	416	104	400	3.77		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Burnett Oil Co., Inc
 JOHNNY TITSWORTH
 P. O. BOX 188
 LOCO HILLS NM, 88255
 Fax To: None

 Received: 02/09/2016
 Reported: 02/16/2016
 Project Name: JACKSON B #44
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/08/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: AH-1 7-7.5' (H600288-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/15/2016	ND	416	104	400	3.77		

Sample ID: AH-1 8-8.5' (H600288-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/15/2016	ND	416	104	400	3.77		

Sample ID: AH-1 9-9.5' (H600288-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/15/2016	ND	416	104	400	3.77		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Burnett Oil Co. Inc</u>		P.O. #:	
Project Manager: <u>Johnny Tinsworth</u>		Company:	
Address: <u>P.O. Box 188</u>		Attn:	
City: <u>La Jolla, CA</u>		Address:	
Phone #: <u>(425) 425-2851</u>		City:	
Fax #: _____		State:	
Project #:		Zip:	
Project Name: <u>Jackson B 44</u>		Phone #:	
Project Location: <u>Eddy Co.</u>		Fax #:	
Sample Name: <u>Johnny Tinsworth</u>			
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.		
<u>HL000288</u>	<u>1</u>		
	<u>2</u>		
	<u>3</u>		
	<u>4</u>		
	<u>5</u>		
	<u>6</u>		
	<u>7</u>		
	<u>8</u>		
	<u>9</u>		
	<u>10</u>		
	<u>11</u>		
	<u>12</u>		
	<u>13</u>		
	<u>14</u>		
	<u>15</u>		
	<u>16</u>		
	<u>17</u>		
	<u>18</u>		
	<u>19</u>		
	<u>20</u>		
	<u>21</u>		
	<u>22</u>		
	<u>23</u>		
	<u>24</u>		
	<u>25</u>		
	<u>26</u>		
	<u>27</u>		
	<u>28</u>		
	<u>29</u>		
	<u>30</u>		
	<u>31</u>		
	<u>32</u>		
	<u>33</u>		
	<u>34</u>		
	<u>35</u>		
	<u>36</u>		
	<u>37</u>		
	<u>38</u>		
	<u>39</u>		
	<u>40</u>		
	<u>41</u>		
	<u>42</u>		
	<u>43</u>		
	<u>44</u>		
	<u>45</u>		
	<u>46</u>		
	<u>47</u>		
	<u>48</u>		
	<u>49</u>		
	<u>50</u>		
	<u>51</u>		
	<u>52</u>		
	<u>53</u>		
	<u>54</u>		
	<u>55</u>		
	<u>56</u>		
	<u>57</u>		
	<u>58</u>		
	<u>59</u>		
	<u>60</u>		
	<u>61</u>		
	<u>62</u>		
	<u>63</u>		
	<u>64</u>		
	<u>65</u>		
	<u>66</u>		
	<u>67</u>		
	<u>68</u>		
	<u>69</u>		
	<u>70</u>		
	<u>71</u>		
	<u>72</u>		
	<u>73</u>		
	<u>74</u>		
	<u>75</u>		
	<u>76</u>		
	<u>77</u>		
	<u>78</u>		
	<u>79</u>		
	<u>80</u>		
	<u>81</u>		
	<u>82</u>		
	<u>83</u>		
	<u>84</u>		
	<u>85</u>		
	<u>86</u>		
	<u>87</u>		
	<u>88</u>		
	<u>89</u>		
	<u>90</u>		
	<u>91</u>		
	<u>92</u>		
	<u>93</u>		
	<u>94</u>		
	<u>95</u>		
	<u>96</u>		
	<u>97</u>		
	<u>98</u>		
	<u>99</u>		
	<u>100</u>		
	<u>101</u>		
	<u>102</u>		
	<u>103</u>		
	<u>104</u>		
	<u>105</u>		
	<u>106</u>		
	<u>107</u>		
	<u>108</u>		
	<u>109</u>		
	<u>110</u>		
	<u>111</u>		
	<u>112</u>		
	<u>113</u>		
	<u>114</u>		
	<u>115</u>		
	<u>116</u>		
	<u>117</u>		
	<u>118</u>		
	<u>119</u>		
	<u>120</u>		
	<u>121</u>		
	<u>122</u>		
	<u>123</u>		
	<u>124</u>		
	<u>125</u>		
	<u>126</u>		
	<u>127</u>		
	<u>128</u>		
	<u>129</u>		
	<u>130</u>		
	<u>131</u>		
	<u>132</u>		
	<u>133</u>		
	<u>134</u>		
	<u>135</u>		
	<u>136</u>		
	<u>137</u>		
	<u>138</u>		
	<u>139</u>		
	<u>140</u>		
	<u>141</u>		
	<u>142</u>		
	<u>143</u>		
	<u>144</u>		
	<u>145</u>		
	<u>146</u>		
	<u>147</u>		
	<u>148</u>		
	<u>149</u>		
	<u>150</u>		
	<u>151</u>		
	<u>152</u>		
	<u>153</u>		
	<u>154</u>		
	<u>155</u>		
	<u>156</u>		
	<u>157</u>		
	<u>158</u>		
	<u>159</u>		
	<u>160</u>		
	<u>161</u>		
	<u>162</u>		
	<u>163</u>		
	<u>164</u>		
	<u>165</u>		
	<u>166</u>		
	<u>167</u>		
	<u>168</u>		
	<u>169</u>		
	<u>170</u>		
	<u>171</u>		
	<u>172</u>		
	<u>173</u>		
	<u>174</u>		
	<u>175</u>		
	<u>176</u>		
	<u>177</u>		
	<u>178</u>		
	<u>179</u>		
	<u>180</u>		
	<u>181</u>		
	<u>182</u>		
	<u>183</u>		
	<u>184</u>		
	<u>185</u>		
	<u>186</u>		
	<u>187</u>		
	<u>188</u>		
	<u>189</u>		
	<u>190</u>		
	<u>191</u>		
	<u>192</u>		
	<u>193</u>		
	<u>194</u>		
	<u>195</u>		
	<u>196</u>		
	<u>197</u>		
	<u>198</u>		
	<u>199</u>		
	<u>200</u>		
	<u>201</u>		
	<u>202</u>		
	<u>203</u>		
	<u>204</u>		
	<u>205</u>		
	<u>206</u>		
	<u>207</u>		
	<u>208</u>		
	<u>209</u>		
	<u>210</u>		
	<u>211</u>		
	<u>212</u>		
	<u>213</u>		
	<u>214</u>		
	<u>215</u>		
	<u>216</u>		
	<u>217</u>		
	<u>218</u>		
	<u>219</u>		
	<u>220</u>		
	<u>221</u>		
	<u>222</u>		
	<u>223</u>		
	<u>224</u>		
	<u>225</u>		
	<u>226</u>		
	<u>227</u>		
	<u>228</u>		
	<u>229</u>		
	<u>230</u>		
	<u>231</u>		
	<u>232</u>		
	<u>233</u>		
	<u>234</u>		
	<u>235</u>		
	<u>236</u>		
	<u>237</u>		
	<u>238</u>		
	<u>239</u>		
	<u>240</u>		
	<u>241</u>		
	<u>242</u>		
	<u>243</u>		
	<u>244</u>		
	<u>245</u>		
	<u>246</u>		
	<u>247</u>		
	<u>248</u>		
	<u>249</u>		
	<u>250</u>		
	<u>251</u>		
	<u>252</u>		
	<u>253</u>		
	<u>254</u>		
	<u>255</u>		
	<u>256</u>		
	<u>257</u>		
	<u>258</u>		
	<u>259</u>		
	<u>260</u>		
	<u>261</u>		
	<u>262</u>		
	<u>263</u>		
	<u>264</u>		
	<u>265</u>		
	<u>266</u>		
	<u>267</u>		
	<u>268</u>		
	<u>269</u>		
	<u>270</u>		
	<u>271</u>		
	<u>272</u>		
	<u>273</u>		
	<u>274</u>		
	<u>275</u>		
	<u>276</u>		
	<u>277</u>		
	<u>278</u>		
	<u>279</u>		
	<u>280</u>		
	<u>281</u>		
	<u>282</u>		
	<u>283</u>		
	<u>284</u>		
	<u>285</u>		
	<u>286</u>		
	<u>287</u>		
	<u>288</u>		
	<u>289</u>		
	<u>290</u>		
	<u>291</u>		
	<u>292</u>		
	<u>293</u>		
	<u>294</u>		
	<u>295</u>		
	<u>296</u>		
	<u>297</u>		
	<u>298</u>		
	<u>299</u>		
	<u>300</u>		
	<u>301</u>		
	<u>302</u>		
	<u>303</u>		
	<u>304</u>		
	<u>305</u>		
	<u>306</u>		
	<u>307</u>		
	<u>308</u>		
	<u>309</u>		
	<u>310</u>		
	<u>311</u>		
	<u>312</u>		
	<u>313</u>		
	<u>314</u>		
	<u>315</u>		
	<u>316</u>		
	<u>317</u>		
	<u>318</u>		
	<u>319</u>		
	<u>320</u>		
	<u>321</u>		
	<u>322</u>		
	<u>323</u>		
	<u>324</u>		
	<u>325</u>		
	<u>326</u>		
	<u>327</u>		
	<u>328</u>		
	<u>329</u>		
	<u>330</u>		
	<u>331</u>		
	<u>332</u>		
	<u>333</u>		
	<u>334</u>		
	<u>335</u>		
	<u>336</u>		
	<u>337</u>		
	<u>338</u>		
	<u>339</u>		
	<u>340</u>		
	<u>341</u>		
	<u>342</u>		
	<u>343</u>		
	<u>344</u>		
	<u>345</u>		
	<u>346</u>		
	<u>347</u>		
	<u>348</u>		
	<u>349</u>		
	<u>350</u>		
	<u>351</u>		
	<u>352</u>		
	<u>353</u>		
	<u>354</u>		
	<u>355</u>		
	<u>356</u>		
	<u>357</u>		
	<u>358</u>		
	<u>359</u>		
	<u>360</u>		
	<u>361</u>		
	<u>362</u>		
	<u>363</u>		
	<u>364</u>		
	<u>365</u>		
	<u>366</u>		
	<u>367</u>		
	<u>368</u>		
	<u>369</u>		
	<u>370</u>		
	<u>371</u>		
	<u>372</u>		
	<u>373</u>		
	<u>374</u>		
	<u>375</u>		
	<u>376</u>		
	<u>377</u>		
	<u>378</u>		
	<u>379</u>		
	<u>380</u>		
	<u>381</u>		
	<u>382</u>		
	<u>383</u>		
	<u>384</u>		
	<u>385</u>		
	<u>386</u>		
	<u>387</u>		
	<u>388</u>		
	<u>389</u>		
	<u>390</u>		
	<u>391</u>		
	<u>392</u>		
	<u>393</u>		
	<u>394</u>		
	<u>395</u>		
	<u>396</u>		
	<u>397</u>		
	<u>398</u>		
	<u>399</u>		
	<u>400</u>		
	<u>401</u>		
	<u>402</u>		
	<u>403</u>		
	<u>404</u>		
	<u>405</u>		
	<u>406</u>		
	<u>407</u>		
	<u>408</u>		
	<u>409</u>		
	<u>410</u>		
	<u>411</u>		
	<u>412</u>		
	<u>413</u>		
	<u>414</u>		
	<u>415</u>		
	<u>416</u>		
	<u>417</u>		
	<u>418</u>		
	<u>419</u>		
	<u>420</u>		
	<u>421</u>		
	<u>422</u>		
	<u>423</u>		
	<u>424</u>		
	<u>425</u>		
	<u>426</u>		
	<u>427</u>		
	<u>428</u>		
	<u>429</u>		
	<u>430</u>		
	<u>431</u>		
	<u>432</u>		
	<u>433</u>		
	<u>434</u>		
	<u>435</u>		
	<u>436</u>		
	<u>437</u>		
	<u>438</u>		
	<u>439</u>		
	<u>440</u>		
	<u>441</u>		