



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Carr Explorations, Inc. Lease & Well No. Andes #2
 Elevation 1289 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 21953
 Date 5-29-77 Sec. 6 Twp. 33S Range 6E County Cowley State Kansas
 Test Approved by Robert L. Braden Western Representative Sam McClune
 Formation Test No. 1 O.K. Misrun Interval Tested From 3084' to 3106' Total Depth 3106'
 Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 3071 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
 Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 22 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 3088 Ft. Clock No. 6800 Depth 3093 Ft. Clock No. 6896
 Top Make Kuster Cap. 4200 No. 1558 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 3150 No. 1564 ^{Inside} ~~Outside~~
 Below Straddle: Depth - Rec. No. - Clock No. - ^{Inside} ~~Outside~~ Depth - Ft. Rec. No. - Clock No. - ^{Inside} ~~Outside~~
 Time Set Packer 7:12 AM
 Tool Open I.F.P. From 7:15 AM to 7:45A M. - Hr. 30 Min. From (B) 28 P.S.I. To (C) 131 P.S.I.
 Tool Closed I.C.I.P. From 7:45 M. to 8:15A M. - Hr. 30 Min (D) 1324 P.S.I.
 Tool Open F.F.P. From 8:15 AM to 9:15A M. 1 Hr. - Min. From (E) 158 P.S.I. To (F) 268 P.S.I.
 Tool Closed F.C.I.P. From 9:15 M. to 9:45A M. - Hr. 30 Min. (G) 1314 P.S.I.
 Initial Hydrostatic Pressure (A) 1595 P.S.I. Final Hydrostatic Pressure (H) 1586 P.S.I. Maximum Temp. 118

INFORMATION

Blow Fair blow throughout test.
 Did Well Flow - Yes No Recovery Total Ft. 1680' gas in pipe, 60' gassy oil, 120' muddy gassy oil, 120' muddy oil & gas cut saltwater, 360' saltwater.
 Reversed Out - Yes No Mud Type chem Viscosity 40 Weight 9.6 Water Loss 16.0 cc. Chlorides 1,700 P.P.M.
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -
 Dual Packer No Did Packers Hold? yes Did Tool Plug? No Where? -
 DRILLING CONTRACTOR White & Ellis Drlg. Co. Length Drill Pipe? 2174 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 IF In.
 Length Weight Pipe 690 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 IF In. Length Drill Collars 242 Ft. I.D. Drill Collars 2.5 In.
 Tool Joint Size 4 1/2 IF In. Length D.S.T. Tool 37 Ft.
 Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 5-29-77

Test Ticket No. 21953

Recorder No. 1558 Capacity 4200 Location 3088 Ft.

Clock No. 6800 Elevation 1289 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1595</u> P.S.I.	Open Tool	<u>7:12</u> A M	
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>131</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1324</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>158</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>268</u> P.S.I.			
G Final Closed-in Pressure	<u>1314</u> P.S.I.			
H Final Hydrostatic Mud	<u>1586</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>9</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>28</u>	<u>0</u>	<u>131</u>	<u>0</u>	<u>158</u>	<u>0</u>	<u>268</u>
P 2 <u>5</u>	<u>42</u>	<u>3</u>	<u>941</u>	<u>5</u>	<u>158</u>	<u>3</u>	<u>852</u>
P 3 <u>10</u>	<u>64</u>	<u>6</u>	<u>1222</u>	<u>10</u>	<u>169</u>	<u>6</u>	<u>1169</u>
P 4 <u>15</u>	<u>87</u>	<u>9</u>	<u>1274</u>	<u>15</u>	<u>180</u>	<u>9</u>	<u>1249</u>
P 5 <u>20</u>	<u>104</u>	<u>12</u>	<u>1295</u>	<u>20</u>	<u>191</u>	<u>12</u>	<u>1278</u>
P 6 <u>25</u>	<u>117</u>	<u>15</u>	<u>1305</u>	<u>25</u>	<u>202</u>	<u>15</u>	<u>1292</u>
P 7 <u>30</u>	<u>131</u>	<u>18</u>	<u>1311</u>	<u>30</u>	<u>212</u>	<u>18</u>	<u>1301</u>
P 8 _____	_____	<u>21</u>	<u>1316</u>	<u>35</u>	<u>221</u>	<u>21</u>	<u>1307</u>
P 9 _____	_____	<u>24</u>	<u>1322</u>	<u>40</u>	<u>232</u>	<u>24</u>	<u>1310</u>
P10 _____	_____	<u>27</u>	<u>1323</u>	<u>45</u>	<u>244</u>	<u>27</u>	<u>1314</u>
P11 _____	_____	<u>30</u>	<u>1324</u>	<u>50</u>	<u>253</u>	_____	_____
P12 _____	_____	_____	_____	<u>55</u>	<u>262</u>	_____	_____
P13 _____	_____	_____	_____	<u>60</u>	<u>268</u>	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

TK#21953
I.

