



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

Company Southern States Oil Company Lease & Well No. Holroyd #3
Elevation 991 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 25236
Date 10-11-76 Sec. 15 Twp. 35S Range 9E County Chautauqua State Kansas
Test Approved by Fred Barber Western Representative Bill Baker
Formation Test No. 1 O.K. X Misrun - Interval Tested From 2181' to 2188' Total Depth 2188'
Size Main Hole 77/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. - Damaged - Yes - No
Top Packer Depth - Ft. Size - Bottom Packer Depth 2181 Ft. Size 6 3/4
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 7 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2173 Ft. Clock No. 6896 Depth 2176 Ft. Clock No. 6866
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3150 No. 1562 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 11:58 A M
Tool Open I.F.P. From 12:00P M. to 12:30PM - Hr. 30 Min. From (B) 20 P.S.I. To (C) 22 P.S.I.
Tool Closed I.C.I.P. From 12:30M. to 1:00 PM - Hr. 30 Min (D) 22 P.S.I.
Tool Open F.F.P. From 1:00 PM. to 1:30 PM - Hr. 30 Min. From (E) 24 P.S.I. To (F) 25 P.S.I.
Tool Closed F.C.I.P. From 1:30 M. to 2:00 PM - Hr. 30 Min. (G) 22 P.S.I.
Initial Hydrostatic Pressure (A) 1532 P.S.I. Final Hydrostatic Pressure (H) 1532 P.S.I. Maximum Temp. 100

INFORMATION

BLOW Very weak blow for 20 minutes, then died.
Did Well Flow - Yes X No Recovery Total Ft. 15' drilling mud.
Reversed Out - Yes X No Mud Type chem Viscosity 45 Weight 10.1 Water Loss 11.2 cc. Chlorides 1,400 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 B & N #14 Length Drill Pipe? 1988 Ft. I.D. Drill Pipe 2.8 In. Tool Joint Size 3 1/2 IF In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 200 Ft. I.D. Drill Collars 2 & 2 1/2 In.
Tool Joint Size 3 1/2 & 4 1/2 In. Length D.S.T. Tool 34 Ft.
Remarks: Pressures from recorder #1562

WESTERN TESTING CO., INC.

Pressure Data

Date 10-11-76 Test Ticket No. 25236
 Recorder No. 1559 Capacity 4200 Location 2173 Ft.
 Clock No. 6896 Elevation 991 Ground Level Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1532</u>	P.S.I.	<u>11:58 AM</u>	
B First Initial Flow Pressure	<u>20</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>22</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>22</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>24</u>	P.S.I.	<u>30</u> Mins.	<u>21</u> Mins.
F Second Final Flow Pressure	<u>25</u>	P.S.I.		
G Final Closed-in Pressure	<u>22</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1532</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>6</u> Inc.		Breakdown: <u>7</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>20</u>	<u>0</u>	<u>22</u>	<u>0</u>	<u>24</u>	<u>0</u>	<u>25</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>22</u>	<u>5</u>	<u>25</u>	<u>3</u>	<u>22</u>
P 3 <u>10</u>	<u>21</u>	<u>6</u>	<u>22</u>	<u>10</u>	<u>25</u>	<u>6</u>	<u>22</u>
P 4 <u>15</u>	<u>21</u>	<u>9</u>	<u>22</u>	<u>15</u>	<u>25</u>	<u>9</u>	<u>22</u>
P 5 <u>20</u>	<u>22</u>	<u>12</u>	<u>22</u>	<u>20</u>	<u>25</u>	<u>12</u>	<u>22</u>
P 6 <u>25</u>	<u>22</u>	<u>15</u>	<u>22</u>	<u>25</u>	<u>25</u>	<u>15</u>	<u>22</u>
P 7 <u>30</u>	<u>22</u>	<u>18</u>	<u>22</u>	<u>30</u>	<u>25</u>	<u>18</u>	<u>22</u>
P 8		<u>21</u>	<u>22</u>			<u>21</u>	<u>22</u>
P 9		<u>24</u>	<u>22</u>				
P10		<u>27</u>	<u>23</u>				
P11		<u>30</u>	<u>24</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TRT. #25236
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