

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # KCC-4034
Name Remuda Corporation
Address P.O. Box 7127
Billings, MT 59103
7127
Purchaser The Permian Corporation
6100 S. Yale Suite 306
Tulsa, OK 74136
Operator Contact Person Norm Brown
Phone 316-275-0302

Contractor: License # KCC 6033
Name Murfin Drilling Co.

Wellsite Geologist William Kendall
Phone 303-861-1402

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

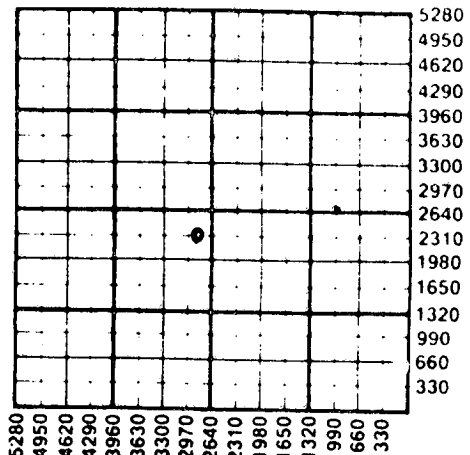
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-2-85 8-8-85 8-16-85
Spud Date Date Reached TD Completion Date
5300' 5232'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 470 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2625 feet
If alternate 2 completion, cement circulated
from 2625 feet depth to surface 500 cmt
(1000 cu.ft.)

API NO. 15-071-20-373-0000
County Greeley
NE NE SW Sec 6 Twp 16S Rge 42 East West
2310 Ft North from Southeast Corner of Section
2870 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Cheek Well # 4
Field Name Stockholm SW
Producing Formation Morrow
Elevation: Ground 3900' KB 3905'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain) D. Bergquist, Box 25
Westham, KS
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Edward F. Greteman
Edward F. Greteman
Title Vice President Date 11-6-85

Subscribed and sworn to before me this 11-14-85 day of November, 1985.
Notary Public Marian E. Habel
Date Commission Expires May 28, 1987

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Remuda Corporation Lease Name Cheek Well # 4

Sec 6 Twp 16S Rge 42 East West County Greeley

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Stone Corral	2764	2796
Heebner	4138	
Lansing	4196	
Marmaton	4600	
Morrow	5027	
Morrow Sand	5120	5174

CONFIDENTIAL

RELEASED

DEC 28 1987

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
..Surface.....	..12 1/4".....	..8.5/8".....	..24#.....	..470'.....	60% Posmix	..290.....	3% CaCl ₂
..Production..	..7.7/8".....	..5.1/2".....	..15.5#.....	..5284'.....	50% Posmix Class C	..125.....	2% gel 10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
.....4.....	5146-5166			None		
.....4.....	5133-5138			
TUBING RECORD							
Size		Set At	Packer at	Liner Run		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2 7/8"		5219	N/A				
Date of First Production		Producing Method					
8-24-85		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
350 Bbls		75 MCF	0 Bbls	214 CFPB	40°		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

5133'-5138'

5146'-5166'...

WELL LOG

SEP 3 1985

071
15-109-20373-0000

COMPANY Remuda Corporation
490 N. 31st St., Suite 308
Billings, MT 59101

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SEC. 6 T. 16S R. 42W
LOC. NE NE SW

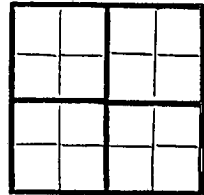
FARM Cheek NO. 4

RIG. NO. 21

TOTAL DEPTH 5300'

COMM. 08-02-85 COMP. 08-09-85

COUNTY Greeley
KANSAS



CONTRACTOR Murfin Drilling Company
250 N. Water, Suite 300
Wichita, Kansas 67202

CASING

20 10
15 8-5/8" set @ 469' w/290 sx Class C, 3% CC ELEVATION
12 6
13 s-1/2" set @ 5284' w/125 sx Class C, 50% Poz PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Soil & Sand & Shale 470'
Shale 2769'
Anhydrite 2801'
Shale 4275'
Lime & Shale (RTD) 5300'

NOV 15 1985
State Geological Survey
WICHITA BRANCH

RELEASED
DEC 22 1987
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

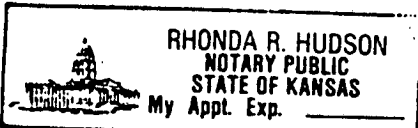
NOV 14 1985

CONSERVATION DIVISION
Wichita, Kansas

State of KANSAS
County of SEDGWICK ss:

I, Jack E. Goss of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the Cheek #4 well.



Jack E. Goss
Jack E. Goss, Agent for Operator

Subscribed and sworn to before me this 30th day of August 1985

My Commission Expires: 11-18-87

Rhonda R. Hudson
Rhonda R. Hudson
NOTARY PUBLIC