

BATCH ACID TREATMENT

Well No. Rein A 4

Date 11-29-66

Quantity Acid 300 gals

Type Acid Dowell 15% XL-2F33

Salt Water Flush Annulus Volume

Production, Before: 44 Oil, 7 Water, 24 Hrs.

Production, After: 54 Oil, 33 Water, 24 Hrs.

BATCH ACID TREATMENT

Well No. RETNA-#4

Date 10-21-70

Quantity 250 gal.

Type Acid XLF41

Salt Water Flush 6.5 BBLs

Production, Before: 27 Oil, 74 Water, 24 Hrs.

Production, After: 29 Oil, 77 Water, 24 Hrs.

BATCH ACID TREATMENT

Lease Name Rein A

Well No. 4

Date 10-5-71

Quantity 500 gal

Type Acid 15% HCl

Salt Water Flow 55 bbl.

Production - Before: Oil 20.93 Water 24 Fps. 70.07

Production - After: Oil 23.04 Water 24 Fps. 72.96

Test Date
10-18-71

BATCH ACID TREATMENT

Lease Name BEIN-A

Well No. 4

Date _____

Quantity 250 gal

Type Acid 202 MOD

Salt Water Flush 40 - BBL

Production - Before: Oil 9 Water - 24 Hrs. 93

Production - After: Oil 19 Water - 24 Hrs. 118

BATCH ACID TREATMENT

Well No. Bein "A" 4

Date 8-10-83

Quantity 250 gals

Type Acid MOD 202 15% HLC NE

Salt Water Flush 50 bbls salt water

Production, Before: 8 Oil, 101 Water, 24 Hrs.

Production, After: 12 Oil, 103 Water, 24 Hrs.

Ritchie Exploration, Inc.

Field Work Report

Lease Bein A/P Well Number 4
Field Supervisor Ness County Date 4-20-94
Type of Work head line leak

Notice spot in field, about 200 feet south
west of moore B-C/P, + 200 feet northeast
of tank battery. Call back hole, dug out
found 2" pvc collar, had been leaking
Repaired, Start Wells

Miles _____ Service Unit Rich's Houstabout
Meals _____ Number of Hours _____
Phone _____
Other _____

_____ Driller
Bennie Dilk
Field Supervisor



TREATMENT REPORT

DWL-494-H PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE
1-15-66

WELL NAME AND NUMBER
Fein A4

POOL
Singben

COUNTY
Miss

TYPE OF SERVICE
Acid

CUST. NAME

ADDRESS
C.S.O

CITY, STATE & ZIP CODE

REMARKS:

LOCATION
29-19-21W

FORMATION
7111

STATE
Miss

CUSTOMER REPRESENTATIVE

TREATMENT NUMBER

JOB DONE DOWN
TUBING CASING ANNULUS
A B C

ALLOWABLE PRESSURE
TBG. CSG:

TYPE OF WELL
OIL GAS WATER INJ.
A B C D

AGE OF WELL
NEW WELL REWORK
A B *4435*

CIRC. SHT.

CASING SIZE CASING DEPTH TUBING SIZE TUBING DEPTH
442

LINER SIZE LINER DEPTH PACKER TYPE PACKER DEPTH

OPEN HOLE CSG. OR ANRL VOL. TBG VOLUME STATIC BHT.
72.5

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
<i>4435</i>					
<i>44</i>					

FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS

ARRIVED ON LOCATION:

TIME	INJECTION		PRESSURE		SERVICE REMARKS
	RATE	BBLS IN	CSG.	TBG.	
<i>11:50</i>					
<i>12:00</i>					<i>500 - Acidize</i>
<i>12:05</i>					<i>3000 - 4000</i>
<i>12:10</i>			<i>200</i>		
<i>12:15</i>			<i>100</i>		
<i>12:42</i>			<i>100</i>		
<i>12:45</i>					
<i>12:53</i>			<i>100</i>		
<i>1:00</i>					
<i>1:05</i>					
<i>1:10</i>					
<i>1:15</i>					
<i>1:20</i>					
<i>1:25</i>					
<i>1:30</i>					
<i>1:35</i>					
<i>1:40</i>					
<i>1:45</i>					
<i>1:50</i>					
<i>1:55</i>					
<i>2:00</i>					
<i>2:05</i>					
<i>2:10</i>					
<i>2:15</i>					
<i>2:20</i>					
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<i>2:55</i>					
<i>3:00</i>					
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<i>4:15</i>					
<i>4:20</i>					
<i>4:25</i>					
<i>4:30</i>					
<i>4:35</i>					
<i>4:40</i>					
<i>4:45</i>					
<i>4:50</i>					
<i>4:55</i>					
<i>5:00</i>					

TIME LEFT LOCATION AVG LIQUID RATE ADJ INJ RATE SOLIDS ING TOTAL FLUID PUMPED OIL WATER

PROPS AND LIQUIDS INJECTED TYPE SIZE OR PURPOSE AMOUNT

MAX PRESSURE AVG PRESSURE FINAL PUMP IN PRESSURE SHUT IN PRESSURE IMMEDIATE 15 MINUTE

DOWELL LOCATION DOWELL ENGINEER

CALL LOG

CONTACTED

CUSTOMER SATISFACTORY

PROD BEFORE TREATMENT TEST

TREATMENT REPORT
 DOW CHEMICAL COMPANY PRINTED IN U.S.A.

DATE
 8-16-66

DIVISION OF THE DOW CHEMICAL COMPANY

WELL NAME AND NUMBER
Rein A4
Schaher
 COUNTY
Miss
 TYPE OF SERVICE
Acid

LOCATION
54-19-31 W
 FORMATION
Miss
 STATE
KANSAS

CUSTOMER REPRESENTATIVE
3-6-8497
 ALLOWABLE PRESSURE
 YES: NO:
 TYPE OF WELL
 OIL: GAS: WATER: INJ.:
 AGE OF WELL
 NEW WELL: REWORK:
 TOTAL DEPTH: 4433
 Casing Size: 4 1/2 Casing Depth: - Tubing Size: - Tubing Depth: -
 Liner Size: - Liner Depth: - Packer Type: - Packer Depth: -
 Open Hole: - CCS. CR. AREA VOL.: 12.5 TEG VOLUME: - STATIC CHY.: -

CUST. NAME
Cities Service Oil Co
 ADDRESS
Box 308
 CITY AND STATE
Great Bend, Kansas
 REMARKS:

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
<u>4433</u>					
<u>4474</u>					

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 11:00 AM

TIME	INJECTION		PRESSURE	LIQUID	SERVICE	FLA.—CONC.	TYPE	SIZE	CONC.	AMOUNT
	RATE	BBLs IN								
11:53		6	50	BDA	Acidize					
12:31		67	50	Brine	Lead					
12:31			50	"						
12:32			100	"	Press Increase					
12:42			100	"						
12:43			200	"						
12:53			190	"						
12:54			300	"						
1:16			300	"						
1:17			400	"						
1:27			250	"						
1:28			400	"						
1:31			300	"						
1:39		1	400	Brine	Flush					
2:00	.05	2	150	"						
2:20	.1	4	400	"						
2:40	.1	6	400	Brine	Acid Disp.					
2:42			200	2 min Press	Drop					
2:43			0	P "	"					

REC'D - GREAT BEND
 PROD. DIV.
 AUG 19 1966

3:30 P.M.
 400
 330 332
 BDA
 4233
 100
 100