

CERTIFIED DRILLER'S LOG

COMPANY: Glen N. Rupe, Oil Operator

LEASE: Svara

CONTRACTOR: D. J. Sullivan Oil Co.

LOCATION:

COMMENCED UNDER SURFACE: Aug. 30, 1968

COMPLETED: Sept. 10, 1968

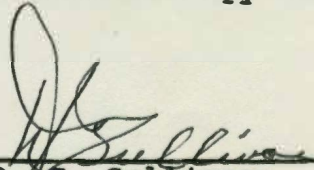
ELEVATION:

POTENTIAL: D & A

FIGURES DENOTE BOTTOM OF FORMATION USING K.B. MEASUREMENTS
(Gr. level, plus 5')

FORMATION	DEPTH
Clay & Sand.....	42'
Shale & Shells.....	190
Shale.....	335
Sand	370
Shale & Redbed.....	490
Anhydrite.....	510
Shale & Sand.....	1090
Shale & Lime.....	1185
Lime.....	1895
Lime & Shale.....	2050
Shale & Sand.....	2129
Lime & Shale.....	2600
Lime	2730
Shale & Lime.....	2830
Lime.....	2880
Lime & Chert.....	2910
Lime.....	3074
Lime & Shale.....	3178
Conglomerate.....	3194
Arbuckle.....	3235

I hereby certify that this is a true and correct copy of the
above log to the best of my knowledge.


D. J. Sullivan

*mailed copy
Harris Hall log
Bureau 10/15/68*

FROM



P.O. Box 553

VIA:

Date _____

Your No.

Our

NO

2596

Delivered To

[illegible]

Received In Good Order By

И

FROM



SUN MUD COMPANY, INC.

P.O. Box 553

Great Bend, Kansas 67530

VIA:

Date _____

Your No.

Our

No!

3157

Delivered To

[illegible]

Received In Good Order By

X

FROM

M

U

C

5

P.O. Box 553

Great Bend, Kansas 67530

VIA:

Date _____

Your No.

Our

Nỗ

3169

Delivered To

✓

QUANTITY

NO.

DESCRIPTION

3

24

50

1 starch

22

100%

100

NO. PACKAGES

WEIGHT

Received In Good Order By

X

FROM

P.O. Box 553

Great Bend, Kansas 67530

Date _____

Date 8-23-68

Your No.

Our

NÖ

3170

Delivered To

V	QUANTITY	NO.	DESCRIPTION
	10	100 th	Hulls.
	5	50 th	lime
	25	100 th	premium gel
	1	75 th	debramer
	15	80 th	salt gel
	8	100 th	premium gel
	24	50 th	struck
	34	100 th	Hulls.

HAULED FROM
BERK
#1 TO
SAVANA

FROM

M



P.O. Box 553

Great Bend, Kansas 67530

Date _____

Your No.

Our

NÖ

3178

Delivered To

[illegible]

DELIV.  RECEIPT

FROM



SUN MUD COMPANY, INC.

P.O. Box 553

Great Bend, Kansas 67530

VIA: *Express*

Date

Your No.

Our

Nº

3194

Delivered To

S&C. Drilling Co.

V

QUANTITY

NO.

DESCRIPTION

29

100th

Hulls

16

80th

sale gel

14

50th

starch

1

50th

preservative

3

50th

lime

(50)

FORMATION TESTING AND TOOL WORK ORDER CONTRACT


 Attach To 1508562
 Ticket No. DUNCAN, OKLAHOMA

 Location Hayes Kansas Date 9-9 19 68

 HALLIBURTON COMPANY is hereby requested to furnish a H. S. Tester tool

 to Glen Rupe
 OWNER, OPERATOR OR HIS AGENT

and Service Man or Men to deliver and operate the same as an independent

 Contractor at: 1st Well County ELLsworth
 No. and State

 Form SVAR2 Sec. 17 Twp 14 Range 10th

 Depth 2462 Kind of Job D. S. T.

 Size of 4 1/2 Size of 7 7/8 Size of 7 7/8
 Drill Pipe Drill Hole Rat Hole

 Length of 22 Condition CIR
 Rat Hole of Well

 Owned By Glen Rupe

 The well owner or drilling contractor will pay HALLIBURTON COMPANY for the use
 of above tool and 489-
 Service Man or Men the sum of \$

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

HALLIBURTON COMPANY shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure HALLIBURTON COMPANY against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by the willful negligence of HALLIBURTON COMPANY. If equipment or instruments of HALLIBURTON COMPANY are lost or damaged in the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of HALLIBURTON COMPANY.

It is expressly understood and agreed that HALLIBURTON COMPANY shall not be bound by any agreement not herein contained, and no agent or representative connected with or employed by HALLIBURTON COMPANY has authority to alter or extend the terms of this agreement.

I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

SIGNED:

DATE 9-9-68 COMPANY Glen RupeTIME 12:30 A.M. P.M.BY KV. Nahn



Formation Testing and Tool Service Ticket

No. 508562 A

FORM 1026-R8--PRINTED IN U.S.A.

DATE 9-9-68	CUSTOMER'S ORDER NO.	CUSTOMER'S REQ. NO.	SEC. 17	TWP. 14	RNG. 10	TRK. CALLED OUT 10:00	ON LOCATION DATE 12:00 P.M.	JOB STARTED DATE 1:00 A.M.	JOB COMPLETED DATE 6:00 P.M.
WELL NO. AND FARM 1# SKARZ.		PLACE OR DESTINATION N-E Wilson				COUNTY ELLWORTH	STATE KANSAS		
TYPE OF WELL 1. <input type="checkbox"/> Workover 2. <input type="checkbox"/> Exploratory 3. <input type="checkbox"/> Development 4. <input type="checkbox"/> Other		OWNER Glen Rupe				CONTRACTOR D.J. Sullivan			
Duncan Use Only	Cus. Inv. Req. Orig. & <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> Other No. Copies					CHARGE TO Glen Rupe			
						MAILING ADDRESS 220 Brown Bldg			
						CITY AND STATE Topeka Kansas			
KIND OF JOB D.S.T.	SIZE HOLE, CASING LINER 7 7/8		GAUGES		TESTING		TIME		PRESSURES
SIZE TUBING OR DRILL PIPE 4 1/2 HPT	PRESENT DEPTH 2462		P.R.D. NO'S. 228		I.C.I.P. 30		X X X X		37
MUD WEIGHT 10.7	VISCOSITY 5		B.T. NO'S. 690		F.F.P. 30-60		30		18
TIME MIXING AND PUMPING	NO. SACKS	SIZE PACKER	KIND OF TOOL 6 3/4 S. Tester			DEPTH SET 2440	PRESSURE BREAKING FORM SQUEEZING		

PURPOSE AND EXPLANATION OF JOB

D. Staddle test in Topeka 2462-2440
Very weak blow Rec 15 mud with few specks gravel

DEPTH OF JOB	INVOICE SECTION		
PRICE REFERENCE	DESCRIPTION	UNIT PRICE	AMOUNT
148-205	PRICE JOB	\$	175 -
	PACKER RENTAL		
	JAR RENTAL		
	SAFETY JOINT RENTAL		
	OTHER CHARGES:		
148-221	2=BT gauge	\$	50 -
131-755	side wall Anchor Assembly	\$	141 -
131-060	Additional packer Assembly		123 -
TERMS-NET, PAYABLE BY 20th OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.		SUB TOTAL	\$ 489 -
		TAX	
		TOTAL	

Alvin A. Berens
HALLIBURTON OPERATOR
Topeka Kansas
X
Kurt Doherty
OWNER, OPERATOR OR HIS AGENT

Was Operation of Equipment Satisfactory? _____

Was the Job Satisfactorily Completed? _____

Suggestions: _____

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished by this invoice.

CUSTOMER'S COPY

SUN OILWELL CEMENTING, INC.

1314 Kansas—P.O. Box 169
Great Bend, Kansas

TEST TICKET

№

6131

2444
11007
2850

Date 9-4-68 Place K. H. Wilson

Charge to Chas. W. Rife Order No. _____

Mail Address _____ City _____ State _____

Owner of Well same Contractor D. J. Sullivan

Well No. 1 Lease SVARA County Edwards Sec. 20 Twp. 14 Rng. 10

Test No. 2 Successful No. 2 Mis-run No. _____

Size Hole 7 7/8 Depth Well 2510 Tool Joint 4 1/2 F.H. Test Tool Size 3 1/2 - 4 1/2

Packer Size 6 3/4 Packer set at 2444 Sub Rented From _____ Sub Size _____

Anchor Size 5 1/2 Length 66'

Rot Hole Size _____ Depth to Shoulder _____ Size Bean 5 1/2"

Drill Stem: Run Dry _____ with Fluid _____

Pressure Recorder Make H. S. - R. H. - 1 Cap. No. 3000 - 3500 BT

RESULTS:

Time Packer Set 2:35 A. M Hyd. Pressure 1353

Tool Open Initial 30 Min. Tool Open Final 30 Min.

Initial BHP 820 in 30 Min. Final BHP 774 in 30 Min.

Initial Flow Pressure 49 Final Flow Pressure _____

Blow Initial Tool Opn - Very weak - Final Tool Opn - Very weak.

Recovery 30' Gas cut Drilg. mod.

Fluid Recovered in _____ Drill Pipe ✓

Flexweight ✓ Drill Collars ✓ Was Tool Plugged? No Was Anchor Plugged? No

Mud Weight 10.3 Visc. 37 Elevation GL _____ KB _____

Extra Equipment Hyd. TABS - SAF-ty sub.

Formation Tested Top of bed Temperature 90°

Price Job _____

Other Charges Hyd. TABS - SAF-ty sub.

Total TKR - oil

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Approved K. W. Doherty

Tester Paul L. Linn

A ticket must be made with complete information for each run, whether successful or not.

SUN OILWELL CEMENTING, INC.

1314 Kansas—P.O. Box 169
Great Bend, Kansas

No

6130

TEST TICKET

Date 9-2-68 Place W. V. Wilson

Charge to Glen N. Packer Order No. _____

Mail Address _____ City _____ State _____

Owner of Well _____ Contractor D. J. Sullivan

Well No. 1 Lease SVABA County Ellsworth Sec. 20 Twp. 7 Rng. 10

Test No. 1 Successful No. 1 Mis-run No. ✓

Size Hole 1 1/8 Depth Well 2139 Tool Joint 42 F.H. Test Tool Size 3 1/2 / 4 1/2

Packer Size 6 3/4 Packer set at 2091 Sub Rented From ✓ Sub Size _____

Anchor Size 5K Length 38'

Rot Hole Size _____ Depth to Shoulder _____ Size Bean 5K"

Drill Stem: Run Dry _____ with Fluid _____

Pressure Recorder Make 3000-3500 PSI Cap. No. 3000-3500 PSI

RESULTS:

Time Packer Set 9:45 P. M Hyd. Pressure 1090

Tool Open Initial 20 Min. Tool Open Final 30 Min.

Initial BHP 274 in 30 Min. Final BHP 690 in 30 Min.

Initial Flow Pressure 58 Final Flow Pressure 41

Blow Initial thru. weak - Final Open - strong, Gas to -

Recovery - SURFACE IN 21 min. to weak to measure

35' light Gas cut mud.

Fluid Recovered in _____ Drill Pipe ✓

Flexweight 0 Drill Collars 0 Was Tool Plugged? No Was Anchor Plugged? No

Mud Weight 34 Visc. 2.9 Elevation GL _____ KB _____

Extra Equipment Hyd. SACS & Safety Joint

Formation Tested Track Temperature 88°

Price Job _____

Other Charges Hyd SACS - Safety Joint

Total 11K.00

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Approved _____

Tester _____

A ticket must be made with complete information for each run, whether successful or not.

OILWELL CEMENTING, INC.

1314 Kansas—P.O. Box 169
Great Bend, Kansas

No 6132

TEST TICKET

Date 9-5-68 Place H.V. Wilson
 Charge to Glenn V. Rufe Order No. _____
 Mail Address _____ City _____ State _____
 Owner of Well SAME Contractor D. S. Sullivan
 Well No. 1 Lease SVARA County Ellsworth Sec. 20 Twp. 14 Rng. 10
 Test No. 3 Successful No. 3 Mis-run No. _____
 Size Hole 7 7/8 Depth Well 2860 Tool Joint 4 1/2 F.H. Test Tool Size 3 1/2 - 4 1/2
 Packer Size 6 3/4 Packer set at 2832 Sub Rented From _____ Sub Size _____
 Anchor Size 5 1/2 Length 28'
 Rat Hole Size _____ Depth to Shoulder _____ Size Bean 3/4"
 Drill Stem: Run Dry _____ with Fluid _____
 Pressure Recorder Make Kester M-1 Cap. No. 3000-350081

RESULTS:

Time Packer Set 11:15 P. M Hyd. Pressure 1645
 Tool Open Initial 15 Mln. Tool Open Final 30 Min.
 Initial BHP 189 in 30 Mln. Final BHP 80 in 30 Min.
 Initial Flow Pressure 43 Final Flow Pressure 43
 Blow Very weak - 0-ads in 3 min.
 Recovery 20' Drilg. mud.

Fluid Recovered in _____ Drill Pipe _____
 Flexweight No Drill Collars No Was Tool Plugged? No Was Anchor Plugged? No
 Mud Weight 10.5 Visc. 39 Elevation GL _____ KB _____
 Extra Equipment Hyd. SABS & SABS-ly Sub.
 Formation Tested LAWSONG Temperature 98°

Price Job _____
 Other Charges Hyd. SABS & SABS-ly ST.
 Total TRK. oil

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Approved _____
 Tester _____

A ticket must be made with complete information for each run, whether successful or not.

GREAT GUNS

P. O. DRAWER 518 - PH. MA 5-6501

HAYS, KANSAS

JOB TICKET

DATE

9-8-68

CHARGE TO:

CLERK RUPE

ADDRESS

LEASE AND WELL NO.

SUNRA #1

FIELD

NEAREST TOWN

COUNTY

ELLISWORTH

STATE

Ks.

CUSTOMER'S ORDER NO.

SEC.

17

TWP.

14E

RANGE

10W

SERVICES RENDERED:

Truck Rental Charge

140.00

Shooting Range, Hunting Ground, 1000 ft. 560.00
\$ 700.00

ZERO

5B

CASING SIZE

WEIGHT

CUSTOMER'S T. D.

3230

GREAT GUNS

T. D.

3235

FLUID LEVEL

ENGINEER

OPERATOR

Edwin J. D.

RECEIVED THE ABOVE SERVICE ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED BELOW WHICH WE HAVE READ AND TO WHICH WE HEREBY AGREE

CUSTOMER

AUTHORIZED AGENT

Kenneth W. D.

GENERAL TERMS AND CONDITIONS OF SERVICES

- (1) All accounts are to be paid within the terms fixed by Great Guns invoices; and should these terms not be observed, interest at the rate of .833 per month will be charged from the date of such invoice.
- (2) Because of the uncertain conditions existing in a well which are beyond the control of Great Guns, it is understood by the customer that Great Guns cannot guarantee the results of their services and will not be held responsible for personal or property damage in the performances of their services.
- (3) Should any Great Guns, instruments be lost or damaged in the performance of the operations requested, the customer agrees to make every reasonable effort to recover same, and to reimburse Great Guns, for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered.
- (4) It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees, and customer hereby certifies that the zones, as shot were approved.
- (5) The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Great Guns is in proper and suitable condition for the performances of said work.
- (6) No employee is authorized to alter the terms or conditions of this agreement.