

KANSAS DRILLERS LOG

API No. 15 — 047 — 20,235
County Number

S. 8 T. 26S R. 18 NE W

Loc. C NE NE

County Edwards

Operator

Rupe Oil Company, Inc.

Address

P. O. Box 2273 434 Ohio, Wichita, Kansas 67201

Well No.

#1

Lease Name

David Britton

Footage Location

660

feet from (N) (S) line

660

feet from (E) (W) line

Principal Contractor

DaMac Drilling Company, Inc.

Geologist

William G. Clement

Spud Date

December 28, 1976

Total Depth

4840'

P.B.T.D.

4801'

Date Completed

January 26, 1977

Gas Purchaser

Kansas-Nebraska Nat. Gas Co.

Elev.: Gr.

Locate well correctly
2188'

KB 2190'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 $\frac{1}{4}$ "	8 5/8"	24#	334'	Reg. 2% Gel	275	3% Calcium Chloride
Production	7 7/8"	4 1/2"	9.5#	4836'	Reg Poz-Mix	125	10% Salt + 75% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	DP	4774'-94'
			1	DP	4684'-98'
Size	Setting depth	Packer set at			
2 1/16"	4701'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1 Bbl. 7 $\frac{1}{2}$ % MCA, 500 gals. R g. HF, 250 Gals. 7 $\frac{1}{2}$ % MCA, 15,000 SCF N ₂ /Bbl. Bridging Plug @ 4750'	4774'-94'
1 Bbl. 15% MCA, 1000 gals. 15% MCA with 5 SCF N ₂ /Bbl., 15,000 SCF N ₂	4684'-94'

INITIAL PRODUCTION

Date of first production SIGW		Producing method (flowing, pumping, gas lift, etc.) Flowing			
RATE OF PRODUCTION PER 24 HOURS		Oil bbls.	Gas CAOF 21,300 MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Shut In				Producing interval(s) 4684-4698'	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Rupe Oil Company, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. #1	Lease Name David Britton	
S <u>8</u> T <u>26</u> S <u>R</u> <u>18</u> E W		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Drill Stem Test #1				
30"-45"-90"-60"	4658'	4719'	Tarkio	3384'
Gas to Surface in 15" @ 227 MCFD,			Heebner	3966'
recovered 140' Gas Cut Drilling Mud.			Lansing	4113'
ISIP 1556# IFP 176-185#			Mississippian	4660'
FSIP 1556# FFP 93-125# Temperature 110°			Kinderhook Sand	4788'
			RTD	4840'
LOGS				
WELEX - GR-N, Guard, Density & Caliper				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

Date Received	Signature William G. Clement Title Date
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Handwritten notes:
 moved
 1/20/77
 2/1/77
 1/20/77

JOB LOG

TICKET NO.

207205

CUSTOMER

Рубль 0.1

PAGE NO

JOB TYPE

#1 D5T 4658-4719

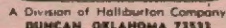
DATE _____

1-5-77

FORM 2013 R-1

[illegible]

CUSTOMER



A Division of Halliburton Company
DUNCAN, OKLAHOMA 73512

ATTACH TO
INVOICE & TICKET NO. 207209

DATE 1-25-68

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

Rept Oil Co.

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE DAVID-BRITTON SEC. 0 TWP. 36 RANGE 18

FIELD _____ COUNTY EDWARDS STATE KANSAS OWNED BY SA 415

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION
NAME _____ TYPE _____

FORMATION THICKNESS	FROM	TO
---------------------	------	----

PACKER: TYPE 425 SET AT 4650

TOTAL DEPTH 4719 MUD WEIGHT 9.4

BORE HOLE 175

INITIAL PROD: OIL _____ BPD. H₂O _____ BPD. GAS _____ MCF _____

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED

#1 OPEN HOLE TEST
4658 - 4719

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- (j) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
- (k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [Signature] CUSTOMER

DATE 1-15-86

TIME 1.00 A.M. P.M.

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 under this contract.

HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-1

HALLIBURTON DIVISION WICHITA

HALLIBURTON LOCATION PRATT

BILLED ON TICKET NO. 202205

WELL DATA

FIELD _____ SEC. 8 TWP. 26 RNG. 18 COUNTY EDWARDS STATE KANSAS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE STARCH MUD WT. 9.4

PACKER TYPE #2 NR SET AT 4658

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<u>1</u>	<u>8 3/4</u>	<u>0</u>	<u>334</u>	<u>24</u>	
LINER						
TUBING						
OPEN HOLE		<u>7 7/8</u>	<u>334</u>	<u>4719</u>		TOTAL DEPTH:
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-4</u>	DATE <u>1-4</u>	DATE <u>1-4</u>	DATE
TIME <u>2030</u>	TIME <u>2130</u>	TIME <u>2135</u>	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>G. GEORGE</u>	<u>TESTING</u>	<u>PRATT</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____ IN _____

NE AGENT TYPE _____ GAL. _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____

GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____

BREAKER TYPE _____ GAL.-LB. _____ IN _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT TESTING

DESCRIPTION OF JOB 1 OPEN HOLE TEST

JOB DONE THRU: TUBING ☐ CASING ☐ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X W. G. Clark

HALLIBURTON OPERATOR Greg George COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SUMMARY

PREFLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____

CEMENT SLURRY: BBL.-GAL. _____

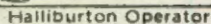
TOTAL VOLUME: BBL.-GAL. _____

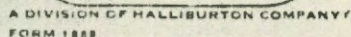
VOLUMES

REMARKS

CUSTOMER

CUSTOMER PRATT OIL CO.
LEASE DAVID. BRITTON
WELL NO. 1
JOB TYPE 1 DST
DATE 1-5-77





SEND ALL REMITTANCES TO

PAGE 1 OF

P.O. DRAWER ~~143~~
DUNCAN, OKLAHOMA 73533

INVOICE

NO. NS 000390

TERMS: **NET** DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST
CHARGED AFTER 60 DAYS FROM DATE OF INVOICE

ACIDIZE WITH NITROGEN - 500 SCF Per BBL
1500 SCF Per m.d

[illegible]

TAX REFERENCES

SUB TOTAL

1692	9
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5 JOB SATISFACTORILY COMPLETED?

5 OPERATION OF EQUIPMENT SATISFACTORY?

3 PERFORMANCE OF PERSONNEL SATISFACTORY1

TAX

TAX

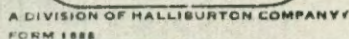
TAX

TOTAL

16929

Customer or His Agent

Halliburton Operator



SEND ALL REMITTANCES TO
P.O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

PAGES

NO. **NS 000264**

L. NO. AND FARM		COUNTY	STATE	DATE
1 - David Britton		Edwards	Kans	1 - 25 - 77
GLEN RUPE OIL CO, INC		Glen Rupe		DUNCAN USE ONLY
Box 2273		No. 1		LOCATION
Wichita, Kansas 67201		Co. Trs. 0011		1 Perryton, Tx. 50175
764854		0012		2
3		Loc. 1		3
GLEN RUPE		ORDER NO.		BULK MATERIAL DELIVERY TICKET NO.
P. O. BOX 2273		TOTAL ACID-30 DAYS		WELL TYPE
WICHITA, KS 67201		TYPE AND PURPOSE OF JOB		Gas Devel. G.D.
TERMS: NET		Pump N2 w/ Acid + Flush w/ N2		
DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.				

[illegible]

JOB SATISFACTORILY COMPLETED? _____

OPERATION OF EQUIPMENT SATISFACTORY? _____

PERFORMANCE OF PERSONNEL SATISFACTORY? _____

TAX REFERENCES

SUB TOTAL

284237

TAX

TAN

TAN

TOTAL

2842	37
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John. Earl Jr
Customer or His Agent

H. E. Reece
Halliburton Operator

-REPORT OF ANALYSIS

F.S. - 15269 M.S. N-65515 ,H 0.39 OBS. PRES. 60.9 CAL. PRES. 59.8
 STATE- KANSAS COUNTY- EDWARDS
 FIELD- BRITTON WELL NAME- BRITTON NO. 1
 LOCATION- SEC. 8, T26S, R18W OWNER- RUPE OIL CO. INC.
 DATE COMPLETED- 01/--/77 DATE SAMPLED- 04/21/78

SAMPLED BY- JOHN CECIL JR.

NAME OF PRODUCING FORMATION- MISS-CHERT

DEPTH IN FEET- 4709

THICKNESS IN FEET- 40

SHUT IN WELLHEAD PRES., PSIG- 1330

OPEN FLOW, MCF/D- 21000

CHECK OF DATA-

THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	89.4 %	NORMAL PENTANE	0.1 %	OXYGEN	0.0 %
ETHANE	3.2 %	ISOPENTANE	0.1 %	ARGON	TRACE %
PROPANE	1.1 %	CYCLOPENTANE	0.1 %	HYDROGEN	0.0 %
NORMAL BUTANE	0.4 %	HEXANES PLUS	0.1 %	H2S *	0.0 %
ISOBUTANE	0.2 %	NITROGEN	4.7 %	CO2	0.1 %
SPECIFIC GRAV 0.617				HELIUM	0.40 %
				TOTAL	99.90 %

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY- 1029

* DUE TO THE ABSORPTION OF H2S DURING SAMPLING, THE REPORTED
 RESULTS MAY NOT BE RELIABLE

PERMISSION FOR RELEASE:

Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY Rupe Oil Company

BY

TITLE Owner

May 25, 1978

MAY 20 1978

WELEX

DATA SHEET FOR LOG ANALYSIS

COMPANY

BY: C Hutchison

DEPTH	ϕ Neat	SW %	R_t Guard	ϕ Density	SW %	R_w	REMARKS
2566-68	25	46	3	18	58	104	Chase Group
2568-72	22	47	3	20	51	"	
2572-76	26	48	2	22	59	"	
2620-26	30	33	3	23	46	"	
2670-74	24	41	3	22	47	"	
2674-78	19	55	3	24	43	"	
2678-82	21	49	3	23	45	"	
2682-86	23	46	3	22	59	"	
2686-90	20	51	3	23	46	"	
2690-94	18	58	3	16	64	"	
3286-88	17	48	5	7	100	104	W. of Seal 7
3930-34	9	78	9	9	78	105	TOPEKA
4114-16	9	23	100	8	26	105	Lansing
4116-18	8	42	40	7	49	"	
4118-20	7	79	15	8	69	"	
4192-94	9	43	30	4	100	"	
4224-26	6	61	35	9	39	"	oolitic
4226-28	7	61	25	9	47	"	NO show
4228-30	8	60	20	8	35	"	
4230-32	8	69	15	9	60	"	
4232-34	9	60	15	10	54	"	
4234-36	11	69	10	12	54	"	
4236-38	10	68	10	11	69	"	
4238-40	10	65	11	10	51	"	
4240-42	9	83	8	80	74	"	
4266-68	12	40	18	16	29	"	
4268-70	14	38	15	24	23	"	
4270-72	17	24	36	28	13	"	
4272-74	20	27	14	20	27	"	
4316-18	15	23	25	21	17	"	oolitic
4318-22	18	29	18	19	28	"	NO show
4322-26	20	41	6	20	41	"	
4226-30	17	59	4	23	43	"	
4230-34	16	51	6	24	34	"	
4406-08	10	47	20	4	100	"	
4414-16	8	69	15	8	69	"	
4416-18	10	95	5	8	100	"	
4418-20	8	100	6	4	100	"	
4540-42	11	49	15	6	94	"	
4542-44	7	69	20	5	100	"	

OTHER INFORMATION: Ticket # 114381

DATA SHEET FOR LOG ANALYSIS

BY: C Hutchison

OTHER INFORMATION: Ticket # 114381