

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

4620' W

API NO. 15-065-22-505-0000

County... GRAHAM

NE. SW. NW 8 Sec. 8 Twp 10 Rge 23 East West

3630 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Operator: License # 7448
Name... BEL BURCH EXPLORATION INC.
Address... 11225 EDINBOROUGH WAY
City/State/Zip... PARKER CO. MO. 64634

Lease Name... DEETZ Well # 1

Purchaser... CLEAR CREEK, INC.

Field Name... WEST HOOK

Operator Contact Person... DAVID BURCH
Phone... 303-841-9417

Producing Formation... LANING / KANSAS CITY

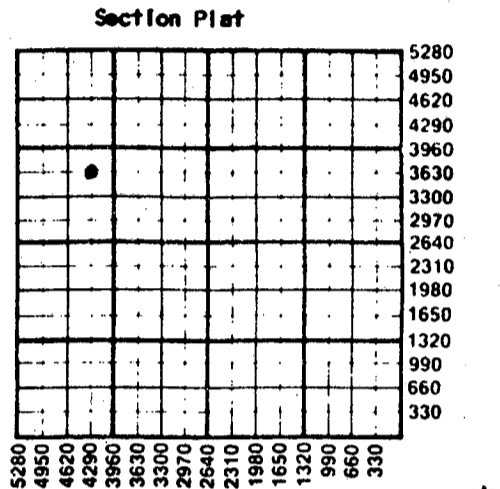
Elevation: Ground... 2403 KB 2408

Contractor: License # 4083
Name... WESTERN KANSAS DRILLING

Wellsite Geologist... RONALD T. MACKEY
Phone... 303-573-6634

Designate Type of Completion
 New Well Re-Entry Workover
 Oil Gas Dry
 SWD Inj Other (Core, Water Supply etc.)
Temp Abd Delayed Comp.

RECEIVED
STATE CORPORATION COMMISSION
JUN 8 1989
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas



If OWNO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket #

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2/23/89 3/3/89 3-24-89
Spud Date Date Reached TD Completion Date
4034' 3997'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 194 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set... feet
If alternate 2 completion, cement circulated from 2032 feet depth to surface w/ 102 SX cmt
Cement Company Name HALL BURTON SERVICES
Invoice # 730492

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) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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... David Burch
Title... Date 6/5/89

Subscribed and sworn to before me this 5 day of June 1989
Notary Public... My Commission Expires 7-25-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)



Sec. 8 Twp. 10 Rge. 23

15-065-22505-0000

SIDE TWO

DE IT ORIGINAL

Operator Name BEI Lease Name DE IT ORIGINAL

Sec. 8 Twp. 10 Rge. 23 East West County GRAHAM

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 [X] Yes [] No
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

TEST #1 - 3894-3916, STRONG BLOW
15-30-75-75, IFP 109-136, FFP 119-198
SIP 1092-1129 RECOVERED 1140' GIP,
45' OCWM, 240' S.W.

Name Top Bottom
ANHYDRITE 2010-2048
HEEBNER 3710-3715
TORONTO 3732-3742
LANSING 3745-3973
BASE LANSING 3973
KANSAS CITY

TEST #2 - 3925-3950, STRONG BLOW,
15-30-90-90, IFP 175-126, FFP 110-161
SIP 298-305 RECOVERED 160' OCW,
120' OCW

RECEIVED
STATE CORPORATION COMMISSION
JUN - 8 1989

CASING RECORD Form with sections: Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives; PERFORATION RECORD; TUBING RECORD; Date of First Production; Producing Method; Estimated Production Per 24 Hours.

METHOD OF COMPLETION Form with checkboxes for Disposition of gas (Vented, Sold, Used on Lease), Open Hole, Other (Specify), Perforation, Dually Completed, Commingled.

* ALTERNATE II completion - 3/23/89 - Halliburton Services @ 2032' 102 sx steel 28 sx Pozmix 2% GEL, TICKETS ATTACHED

HALLIBURTON SERVICES
JOB LOG

WELL NO. 41 LEASE Oretz TICKET NO. 723786-723827
 CUSTOMER Burch Oil Exploration ORIGINAL # 2
 JOB TYPE Tool-Cmt (Cmt F.O. Cmt) DATE 6/2/89

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1340							On loc, Rig Crew Cong Swabbing Make up Tools
	1400							Start 5/2" Model III RBP, 5/2" Opening + closing Fingers on 2 7/8" Tbg
	1520							Set RBP @ 2134', lay down 1 Jt
	1533	4						Pump to head Hde
	1545	—	47-H ₂ O					Tbg loaded Shut Down - Close Ann
	1546					1,500	—	Press up - Test RBP - Holding
	1550					—	—	Release Press -
	1551					—	—	Spot 1st Sand - 2116'
	1600		1114-H ₂ O			—	—	Finish Spot - let Fall
	1615							Pull 2 Jts - Hook up - locate F.O. lay 1 Jt Down - Hook up - locate F.O. @ 1994'
	1640					500	—	Press up - Holding - Close A
	1643					—	—	Open F.O.
	1643	3				100		Start H ₂ O
	1644	4	4-H ₂ O			200		Circulating
	1645	—	6-H ₂ O			100		Shut Down
	1649	3				300		Start Gelled H ₂ O - Circulating
	1651	4	6-Gel			400		Finish Gel - Start 160 sts HDH 1/4 lb Floccle, 50 sts Std. 28CC
		4	60-Cmt			1,000		lost Returns
		4	67-Cmt			1,200		Press Rate
	1718	4	113-Cmt			650		Fin. Cmt - St Dupl.
	1721		12-H ₂ O			1,050		Fin. Displ - Shut Down -
	1721					150		Close F.O.
	1723	3				200		Rev. out. Tbg
	1729	—	18-H ₂ O			—		Shut Down, Pull Rubber out of Head - Start out with Tbg / Fingers
	1810							Fingers + Catcher out - Break off
	1815							Start Catcher / Tbg in hole
								See Page 2

RECEIVED
STATE CORPORATION COMMISSION
JUN - 8 1989
CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES
JOB LOG

WELL NO. #1 LEASE Dietz TICKET NO. 723786-723827
 CUSTOMER Burch Oil Exploration ORIGINAL
 JOB TYPE Tool-Cmt-(Cmt F.O. Cmt) DATE 3/25/89

FORM 2013 R-1

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1815							Pull Rubber in Head-Circ Sand off RBP
	1852	3 1/2				---	---	
	1905	---	34			---	---	
								Shut Down - Pull 1 Jt off RBP
	1915							Shut Down For Day
								Job Complete
								Thank You
								Scott, Terry, E. [Signature]

RECEIVED
 STATE CORPORATION COMMISSION
 JUN - 8 1989
 CONSERVATION DIVISION
 Wichita, Kansas

HALLIBURTON SERVICES
Duncan, Oklahoma 73536

A Division of Halliburton Company

TICKET NO. **723827-5**

ORIGINAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 1 Dictz		COUNTY Graham	STATE Ks	CITY / OFFSHORE LOCATION	DATE 3-23-89
CHARGE TO Burch Oil Exploration		OWNER Burch Oil Exp.		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS 1190 Cambridge Court		CONTRACTOR Pac Well Serv.		LOCATION 1	
CITY, STATE, ZIP Parker, Colorado 80134		SHIPPED VIA 3599 3546		LOCATION 2	
WELL TYPE 2001		WELL CATEGORY Development		LOCATION 3	
WELL PERMIT NO. B-835156		DELIVERED TO S.W. H. City, Ks		CODE	
TYPE AND PURPOSE OF JOB 205		ORDER NO.		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
				MILEAGE	50	m			220	110.00
				Pump Charge	2052	ft	2	hr		579.20

RECEIVED
STATE CORPORATION COMMISSION
JUN - 8 1989
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-835156**

1696.22

VAS JOB SATISFACTORILY COMPLETED? _____

VAS OPERATION OF EQUIPMENT SATISFACTORY? _____

VAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

CUSTOMER OR HIS AGENT (PLEASE PRINT) _____

CUSTOMER OR HIS AGENT (SIGNATURE) _____

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.

D. Harrison
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

SUB TOTAL **1696.22**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

EXTRA COPY



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

ORIGINAL FOR INVOICE AND TICKET NO. 723527

DATE 3-23-89	CUSTOMER ORDER NO.	WELL NO. AND FARM Dietz	COUNTY Graham	STATE Ks
CHARGE TO Burch Oil Exploration		OWNER Burch	CONTRACTOR E. Well Serv. No. B 835156	
MAILING ADDRESS 11190 Cambridge Court		DELIVERED FROM Oberlin, Ks	LOCATION CODE 50329	PREPARED BY Jones/vlk
CITY & STATE Parker, Colo 80134		DELIVERED TO SW/Hill City	TRUCK NO. 3346	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-308				Standard Cement	52	sk			5.45	283	40	
506-105				Pozmix "A"	28	sk			2.88	80	64	
506-121				Halliburton Gel Allowed 2% (3)						NC		
507-277				Halliburton Gel Mixed 8%	11	sk			13.00	143	00	
507-285				Econolite	278	lb			.80	222	40	
507-210				Flocele	40	lb			1.21	48	40	
504-308				Standard Cement	50	sk			5.45	272	50	
509-406				Calcium Chloride	1	sk				25	75	
509-554				Halliburton Gel Not mixed	2	sk			6.95	13	90	
510-222				20/40 Sand	1	sk				7	95	
<p>RECEIVED STATE CORPORATION COMMISSION JUN - 8 1989</p>												
			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	CONSERVATION DIVISION Wichita, Kansas TON MILES						
			SERVICE CHARGE ON MATERIALS RETURNED						CU. FEET			
500-207								212	.95	201	40	
			SERVICE CHARGE						CU. FEET			
500-306			Mileage Charge	20,410 TOTAL WEIGHT	50 LOADED MILES	510.25 TON MILES		.70		357	18	
No. B 835156		CARRY FORWARD TO INVOICE							SUB-TOTAL		1656	52

FORM 1911 - R6 REV. 8-85

COST

DISTRICT DEERHOLM, Ks

DATE 3-23-89

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Burch Oil Exploration (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Dirtz SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY GRAHAM STATE Ks OWNED BY Burch Oil Exp.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE MODEL #3 RBP SET AT 2134'
TOTAL DEPTH P.BTD 2997' MUD WEIGHT _____
BORE HOLE F.D. Cemented @ 2032'
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>U</u>	<u>15.5</u>	<u>5 1/2</u>	<u>K.B</u>	<u>2997 P.BTD</u>	
LINER						
TUBING	<u>U</u>	<u>6.4</u>	<u>2 7/8</u>	<u>K.B</u>		
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Cont thru P.D. Cemented w/ 160 sks H₂O w/ 7/8" #4 Flare & 50 sks Cem. w/ 2 P.C.C.

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

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- (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) To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
 - (h) 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.
 - (i) 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
 - (j) 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.
 - (k) Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - (l) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - (m) 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 _____ CUSTOMER

DATE 3-23-89

TIME _____ 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.

RETAIN

RECEIVED STATE CORPORATION COMMISSION

JUN - 8 1989

CONSERVATION DIVISION Wichita, Kansas



HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Wichita, Ks

OBERLIN, Ks

ORIGINAL

BILLED ON TICKET NO. 723827-5

WELL DATA

FIELD SW Hill City, Ks SEC. _____ TWP. _____ RNG. _____ COUNTY Geaham STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		U	15.5	5 1/2	G.L.	3997	PBTD
LINER							
TUBING		U	6.4	2 7/8"	K.B.		
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE Model 3 RBP SET AT 2134'
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA F.O. Cementer @ 2032' TOTAL DEPTH PBTD 5997'

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-23-89</u>	DATE <u>3-23-89</u>	DATE <u>3-23-89</u>	DATE <u>3-23-89</u>
TIME <u>1130</u>	TIME <u>1340</u>	TIME <u>1400</u>	TIME <u>1915</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>S. Dolan - 83271</u>	<u>36654 Tools</u>	<u>OBERLIN Ks</u>
<u>E. Reynolds - 47568</u>	<u>3579</u>	<u>OBERLIN Ks</u>
<u>T. GARRISON - 45326</u>	<u>Comb. HT-400</u>	<u>OBERLIN Ks</u>
<u>M. Jones - 52046</u>	<u>3846 BIK-TRK</u>	<u>OBERLIN Ks</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD <u>Stripper - 5/2"</u>	<u>1 ea</u>	<u>Howco</u>
PACKER <u>Model III RBP - 5/2"</u>	<u>1 ea</u>	<u>Howco</u>
<u>FO. Fingers 5/2"</u>	<u>2 ea</u>	<u>Howco</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
HE AGENT TYPE	GAL.	IN
FLUID LOSS ADD. TYPE	GAL-LB.	IN
GELLING AGENT TYPE	GAL-LB.	IN
PRIC. RED. AGENT TYPE	GAL-LB.	IN
BREAKER TYPE	GAL-LB.	IN
BLOCKING AGENT TYPE	GAL-LB.	
PERFAC BALLS	QTY.	
OTHER	<u>2 sb 20/40 Sand</u>	
OTHER		

DEPARTMENT Cmt & Tool

DESCRIPTION OF JOB Run tools & cmt F.O. Cementer

New Well

JOB DONE THRU: TUBING CASING ANNULUS TSG/ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	160	65/35	A	Poz	B	10% Total Gel, 2% Econolite, 4% Floccul	3.62	10.68
1	50		A	STANDARD	B	2% C.C.	15.6	1.13

PRESSURES IN PSI SUMMARY

CIRCULATING	DISPLACEMENT	FRESHENI BBL-GAL.	TYPE
BREAKDOWN	MAXIMUM	LOAD & SHDNI BBL-GAL.	<u>120 1/4</u>
AVERAGE	FRACTURE GRADIENT	TREATMENTI BBL-GAL.	<u>6</u>
SHUT-IN INSTANT	5-MIN.	CEMENT SLURRYI BBL.	<u>113</u>
HYDRAULIC HORSEPOWER	USED	TOTAL VOLUMEI BBL.	
ORDERED	AVAILABLE	REMARKS	<u>See Job Log</u>
AVERAGE RATES IN BPM	USED		<u>Thank You</u>
TREATING	DISPL.	OVERALL	<u>Scott, Terry, Mike & Eldon</u>
CEMENT LEFT IN PIPE	REASON		

FORM 2025-R1

RECEIVED
STATE CORPORATION COMMISSION

JUN - 8 1989

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: Burd's Exploration
LEASE: Pitt
WELL NO.: 1
JOB TYPE: Cmt-F.O.
DATE: 3-23-89