

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

ORIGINAL

API NO. 15-
County Finney

Operator: License # 5210
Name: Lebsack Oil Production, Inc.
Address: Box 489
Hays, Kansas 67601
City/State/Zip

Purchaser:
Operator Contact Person: Wayne Lebsack

Phone (316) 938-2396
Contractor: Name: Abercrombie RTD
License: 5422

Wellsite Geologist: Steve McClean/Wayne Lebsack

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:
Well Name:
Comp. Date Old Total Depth
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.
1/18/92 1/26/92 2/24/92
Spud Date Date Reached TD Completion Date

-SW -SW -SW Sec. 7 Twp. 21S Rge. 34W E
330' Feet from (S)N (circle one) Line of Section
4950' Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Crist Well # 1-7

Field Name Christabelle

Producing Formation Morrow

Elevation: Ground 3066' KB 3071'

Total Depth 4970' PBSD

Amount of Surface Pipe Set and Cemented at 315' Feet

Multiple Stage Cementing Collar Used? Yes No
DV @ 2187'

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2187'
feet depth to surface w/ 300 SX sx cnt.

Drilling Fluid Management Plan 5-26-92
(Data must be collected from the Reserve Pit)

Chloride content 17,000 ppm Fluid volume 1527 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Wayne Lebsack
Title President Date 5/1/92
Subscribed and sworn to before me this 1st day of May
19 92
Notary Public D. Rex Curtis
Date Commission Expires 7/28/93

D. Rex Curtis
NOTARY PUBLIC
State of Kansas
My Appointment Expires 7-28-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
RECEIVED
STATE CORPORATION COMMISSION
Form ACO-1
MAY 18 1992

STATE CORPORATION COMMISSION
MAY 18 1992
DIVISION

Operator Name Lebsack Oil Production, Inc. Lease Name Crist Well # 1-7
 Sec. 7 Twp. 21S Rge. 34W East West
 County Finney

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite Top	2174	+ 898
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite Base	2186	+ 885
List All E.Logs Run: <u>DST #1 4792'-4875'</u>		Heebner	3893	- 822
<u>30-60-30-60- Weak Blow</u>		Lansing	3944	- 873
Recovered 100' OCM&W (10% oil)		BKC	4432	- 13 61
145' OCM&W (1% oil)		Marmaton	4465	- 1394
IHSP 2310; IFR 75/105 ISIP 525; FFP 138		Cherokee Shale	4598	- 1527
FSIP; 525		Morrow Shale	4816	- 1745
		Morrow Sd	4863	- 1792
		Mississippian	4873	- 1802
		T.D.	4966	- 1895

160
CASING RECORD New 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	#28	315	60/40 Poz.	200	2% gel 3%cc
Production	7-7/8	4 1/2	#9.50	4949'	Thixset	385	2% CC 5%KCL 1%Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4HPF	4864-68	200/gal Mud Acid 750/gal diesel w/surfco.	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. none	Gas Mcf none	Water Bbls. none	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____

Production Interval _____

DRILL STEM TEST RESULTS

ORIGINAL

DST No. 1			
Interval: 4792' to 4875' (83' of Anchor)			
Intervals tested: Morrow Upper Sandstone			
Period	Time	Pressure	Description
IHSP		2310	
IFP	30	75-105	Weak blow to 3 inches in the bucket.
ISIP	60	525	Building slightly.
FFP	30	135-160	Weak blow to 1 inch in the bucket.
FSIP	60	525	Building slightly.
FHSP		2300	BHT = 118 deg. F.
Recovery:	100' of - 10% oil, 90% Mud, 0% water.		
	100' of - 1% oil, 99% Mud, 0% water.		
	45' of - 1% oil, 79% Mud, 20%* water.		

	245' of Total Fluid		
	* Water Chlorides of DST #1 were 15,500 ppm. Water Chlorides of Mud filtrate were 4,500 ppm. Water Chlorides of Foster 1-18/3-18 battery were 72,000 ppm.		



JAN 22 1992

ORIGINAL

DATE 1-18 1992

No. Pcs.	LENGTH		LENGTH		LENGTH		LENGTH		LENGTH	
	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.
1	41	55								
2	37	55								
3	31	17								
4	39	28								
5	42	80								
6	34	33								
7	41	63								
8	39	11								
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
Total	307	42								

Col. No.		Stock of _____
1		Weight <u>28</u> Size <u>8 3/8</u>
2		Grade <u>3</u> Coupling _____ Thd. <u>8ed</u>
3		From <u>ABERCROMBIE B. R. & G.</u>
4		<u>YARD</u>
5		Sent To <u>CRIST - 1-7</u>
Total	307 42	

Remarks FOR SURFACE

Tallied By W.C. Craig

RECEIVED
STATE CORPORATION COMMISSION
MAY 18 1992
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

JAN 22 1992

REPORT OF RUNNING AND CEMENTING CASING

A. L. ABERCROMBIE, INC.

ABERCROMBIE DRILLING, INC.

Date 1-18-92

Lease Name CRIST Well No. 1-7
 Lease Owner/Operator LEBSACK OIL PRODUCTION
 Drilling Contractor ABERCROMBIE R.T.D. INC. Rig No. 5
 Location SW-SW-SW Sec. 7 Twp 21 Rge 34 County FINNEY
 Casing Received From: (Supply) ABERCROMBIE YARD Inv. No. _____
 Casing Charged To: (Company) ABERCROMBIE R.T.D.
 Casing Trucked By: ABERCROMBIE INC.
 Amount Of Casing Received 8 Jts. 307.42 Ft.
 Amount Of Casing Left Over NONE Jts. _____ Ft.
 Disposition Of Casing Left Over NONE

Rotary Bushing T.D. 315 Ft. Size Of Hole 12 1/4 In.
 Casing Set At: (R.B. To Bottom Of Shoe) 8-Joint + Land Jts. 315 Ft.
 Size 8 5/8 Weight 28 # Thread 8 rd
 Range USED Grade _____ Make WALKER
 Shoe (Type—Make) TEXAS CUT Float Collar (Type—Make) _____
 Stage Collar (Make—Set At) NONE
 Centralizers (Set At) NONE
 Scratchers (Set At) NONE

Cemented With 200 Sacks Of 60/40 Poz. 2% GEL 3% C.C. Cement
 Cemented By ALLIED CEMENTER Plug To: 300 Ft.
 Plugs (Number—Type) 1 Wood + Rubber
 Longstring—R.B. To Top Of Braden Head _____ Ft.
 Surface String—R.B. To Top Of Collar 10 FT Ft.

Remarks: Spud - 12 1/4 Hole @ 11:00 AM - Cut 315 Ft Vert Dr - 3/4
Pipe Welded + strap By DTS MACH. NESS CITY, KAN.
CE 17 Feet Did Circ Plug Down @ 7:00 P.M. - 1-18-92

NOTE: All measurements to be made in feet and hundreths.
 All casing to be ran in numerical order of tally.
 Attach tally to back of casing report.

W. C. Craig
 Company Representative
 RECEIVED
 CORPORATION COMMISSION
 STATE OF KANSAS
 MAY 18 1992
 CONSERVATION DIVISION
 Topeka, Kansas



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. 186997

DATE 1-27-92	CUSTOMER ORDER NO.	WELL NO. AND FARM Crist 1-7	COUNTY Finney	STATE Kansas
CHARGE TO Lebsack Oil Production		OWNER Same	CONTRACTOR Abercrombie Rig# 5 No. B 968925	
MAILING ADDRESS		DELIVERED FROM Hugoton, Kansas	LOCATION CODE 025535	PREPARED BY Don Phillips
CITY & STATE		DELIVERED TO N/W Garden City, Kns.	TRUCK NO.	RECEIVED BY <i>KINSINGER</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-043	516.00272	2	B	Premium Cement	85	sk			6.85	582	25
504-050	516.00265	2	B	Premium Plus Cement	50	sk			7.08	354	00
504-120		2	B	Halliburton Light Cement	250	sk			6.63	1,657	50
507-210	890.50071	2	B	Flocele B/ 1/4" W/ 250	63	lb			1.30	81	90
508-002	70.15302	2	B	Potassium Chloride B/ 5% W/ 85	250	lb			.25	62	50
508-101	70.15347	2	B	Thixset "A"	80	lb			5.35	428	00
508-103	516.00541	2	B	Thixset "B"	20	lb			8.15	163	00
509-406	890.50812	2	B	Calcium Chloride B/ 2% W/ 50	1	sk			26.50	26	50
Returned Mileage Charge					TOTAL WEIGHT		LOADED MILES		TON MILES		
SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET				
500-207		2	B	SERVICE CHARGE			CU. FEET 391		1.15		
500-306		2	B	Mileage Charge 36,238#	90		1,630.710		80	1,304	57
No. B968925					CARRY FORWARD TO INVOICE					SUB-TOTAL	

THIS IS NOT AN INVOICE

RECEIVED 449
MAY 1992
COMMISSION 65
1,304 57
DIVISION 97
Kansas

CUSTOMER

HALLIBURTON SERVICES

JOB LOG

WELL NO. 1-7 LEASE CRIST TICKET NO. 186997
 CUSTOMER LEBSACK OIL PROD. PAGE NO. 1
 JOB TYPE 4 1/2 LSDV DATE 1-27-92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0130							PAUSED
	0450							On Location Run up - Rig up FRANCIS ASSES
	0600							Run 4 1/2 LSC
	0700							Hook up & CIRCULATE HOLE - WAIT ON PIPE
	1115							SHUT DOWN MUD PUMP - RUN LSC
	1250							LSC IN - Hook up To Mud Pump
	1300							Pump Ball Then Have Circulation
	1310							SHUT MUD PUMP DOWN - Hook up To Test Line
	1315	5	22		✓		200	Pump 1ST STAGE SURVEY @ 12.5# - GOOD RETURN
	1320							SURVEY IN - SHUT DOWN TO DRIP PLUG & WASH UP
	1322	5	44		✓		50	START 1/2 Displacement - GOOD RETURN
	1321	6	34		✓			START MUD DISPLACEMENT - " "
					✓		150#	LIFTING SURVEY
	1335	6-2			✓		350/300	SLOW RATE - 30 MUD OUT
	1337						350/250	Plug Down - RELEASE PRES - FLOAT GOOD - DRIP OPERATE DEVICE
	1350	2	5		✓		1500	OPEN DV CEMENTER - HOLE CIRCULATION
	1354		3		✓			PLUG MUDS HOLE AFTER SWITCHING OVER
	1358		3					PLUG RAT HOLE
	1405							Hook up Test Line
	1410	6	92		✓		250	Pump 2ND STAGE LSC @ 12.3# - GOOD RETURN
	1422	6	12		✓		200	Pump TEST @ 10.8# - " "
	1425							SURVEY IN - SHUT DOWN TO DRIP PLUG & WASH UP
	1428	5			✓		50	START Displacement - GOOD RETURN
	1434	5-2	30		✓		300/200	SLOW RATE
	1436		35		✓		300/1200/0	Plug Down - Tool Closed @ 1250 PSI - RELEASE PRES - GOOD
								RELEASE FROM LOCATION

RECEIVED
STATE CORPORATION COMMISSION

MAY 18 1992

P-75496, 75505, 6611

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER

DISTRICT LIRCAL

DATE 1-27-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: LEASAGE OIL PRODUCTIONS (CUSTOMER)
 AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-7 LEASE CRIST SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY FIDLEY STATE Ks OWNED BY LEASAGE OIL

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
 THICKNESS _____ FROM _____ TO _____
 PACKER: TYPE _____ SET AT _____
 TOTAL DEPTH 4150 4770 MUD WEIGHT _____
 BORE HOLE _____
 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>10.5</u>	<u>4.5</u>	<u>KR</u>	<u>4730</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>8 5/8</u>	<u>4150</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

1ST STAGE - Cement 4 1/2 cu in R55K THIXSET "A" w/ 5% KLL Displace w/ H₂O & Mud -
2ND STAGE - Cement w/ 250 SC Premium Plus Lite w/ 4 1/4 Fluore, 50 SC Premium
Plus w/ 2% CL, Displace w/ H₂O

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.
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are 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 attorneys 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.
 - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - That 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 effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor 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 liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - That 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.
 - That 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.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That 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 BELIEVE THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER
 RECEIVED
 STATE CORPORATION COMMISSION

SIGNED W.C. Cuning
 DATE 1-27-92
 TIME 0900 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.

CUSTOMER

MAY 18 1992
 CONSERVATION DIVISION
 Wichita, Kansas

WELL DATA

FIELD _____ SEC. _____ TWP. _____
 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 _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 4950-1970

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	10.5	4.5	KB	4950	
LINER						
TUBING						
OPEN HOLE			7 7/8	R 5/8	4150	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		Houston
FLOAT SHOE <u>1/2" S&W 11</u>	<u>1</u>	
GUIDE SHOE <u>RSC</u>	<u>1</u>	
CENTRALIZERS <u>5-4</u>	<u>5</u>	
BOTTOM PLUG <u>SST. DV</u>	<u>1</u>	
TOR-PLUG <u>FASGRIP</u>	<u>1</u>	
HEAD <u>BASIST</u>	<u>1</u>	
PACKER <u>DV CEMENTER</u>	<u>1</u>	
OTHER <u>WELD-A</u>	<u>12</u>	

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-27</u>	DATE <u>1-27</u>	DATE <u>1-27</u>	DATE <u>1-27</u>
TIME <u>2130</u>	TIME <u>0450</u>	TIME <u>1250</u>	TIME <u>1400</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
KISSINGER	21393	LIBERAL
POWER	48120	Houston
MYERS	59018	51737/75505 Houston
EVANS	ED233	0525/6611

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API
 DISPL. FLUID _____ DENSITY _____ LB/GAL-API
 PROP. TYPE _____ SIZE _____ LB.
 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 _____ IN
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____

DEPARTMENT CR
 DESCRIPTION OF JOB 4 1/2" L5DV

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X W.C. Craig
 HALLIBURTON OPERATOR KISSINGER COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	85	THIXSET H		B	5% KCL	1.43	14.5
2	250	FROM PLUS LINE		B	4% FLOCCEL	2.06	12.3
	50	FROM PLUS		B	2% CC	1.32	14.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL BBL-GAL 78-35
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 15' 22" 2AD 104'
 ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL _____
 TREATING _____ DISPL _____ OVERALL _____ REMARKS DV CEMENTER @ 2187'
 FEET 32' REASON SIZE LIMIT

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 18 1992
 CONSERVATION DIVISION
 Wichita, Kansas