

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

API #15-171-20,461-00-00

Operator: License # 04981
 Name: Cholla Resources, Inc.
 Address 1641 California St.
Suite #300
 City/State/Zip Denver, CO 80202
 Purchaser: TEXACO
 Operator Contact Person: William Goff
 Phone (303)-623-4565
 Contractor: Name: Emphasis Oil Operations
 License: 8241
 Wellsite Geologist: William Goff

County Scott
 NW - SW - SE - _____ Sec. 15 Twp. 19S Rge. 34 X W
990 Feet from S (circle one) Line of Section
2310 Feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE NW or SW (circle one)
 Lease Name Robinson Well # 3-15
 Field Name LEHMAN, NORTHEAST
 Producing Formation MORROW
 Elevation: Ground 3054' KB 3059'
 Total Depth 4845' PBTD 4813'
 Amount of Surface Pipe Set and Cemented at 216 Feet
 Multiple Stage Cementing Collar Used? X Yes _____ No _____
 If yes, show depth set 1508 Feet
 If Alternate II completion, cement circulated from 1508
 feet depth to SURFACE w/ 200 ex cnt.

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

Drilling Fluid Management Plan ALT 2 JH 9-15-94
 (Data must be collected from the Reserve Pit)
 Chloride content 56,000 ppm Fluid volume _____ bbls
 Dewatering method used EVAPORATION
 Location of fluid disposal if hauled STATE CORPORATION COMMISSION
 Operator Name _____
 Lease Name _____
 Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
 County _____ Docket No. _____

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 _____ PBTD
 _____ Commingled _____ Docket No. _____
 _____ Dual Completion _____ Docket No. _____
 _____ Other (SWD or Inj?) _____ Docket No. _____
1/21/94 1/31/94 2/12/94
 Spud Date Date Reached TD Completion Date

RECEIVED
 STATE CORPORATION COMMISSION
 APR 26 1994
 CONSERVATION DIVISION
 Wichita, Kansas

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 William T. Goff
 Title PRESIDENT WILLIAM T. GOFF Date 4/20/94
 Subscribed and sworn to before me this 20 day of APRIL
1994
 Notary Public Lori A. Cross
1641 California St.
Suite 300
DENVER, CO
80202
 Date Commission Expires _____

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/>
<input type="checkbox"/>	KGS	<input type="checkbox"/>
<input type="checkbox"/>	SWD/Rep	<input type="checkbox"/>
<input type="checkbox"/>	Plug	<input type="checkbox"/>
<input type="checkbox"/>	NGPA	<input type="checkbox"/>
<input type="checkbox"/>	Other	<input type="checkbox"/>
(Specify)		

MY COMMISSION EXPIRES:
 May 25, 1997

PI

Operator Name Cholla Resources, Inc. Lease Name Robinson Well # 3-15

Sec. 15 Twp. 19S Rge. 34 East West
 County Scott

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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 DUAL INDUCTION/LL3/GR COMP SSD/NEUTRON/CAL/
 PE MEL/GR

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
BASE STONE CORRAL	2300	+759
BASE KANSAS CITY	4405	-1346
MARMATON	4431	-1372
MORROW SHALE	4739	-1680

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"	20#	216'	60/40POZ	150	3% CC 2% GEL
PRODUCTION	7 7/8"	5 1/2"	14#	4844'	EA-2	150	5% CAL-SEAL .75% HALAD-322

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
4	4760' - 4766'	N/A

TUBING RECORD Size 2 3/8" Set At 4771 (SN) Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 2/24/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	154	0	0		

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Comingled Other (Specify)

Production Interval 4760' - 66'

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data *API# 15-171-20461-00-00*

Well Name ROBINSON #3-15 Test No. 3 Date 1/30/94
 Company CHOLLA RESOURCES, INC. Zone LWR MORROW
 Address 1641 CALIFORNIA ST SWT 300 DENVER CO Elevation 3059 KB
 Co. Rep./Geo. BILL GOFF Cont. EMPHASIS DRLG RIG #7 Est. Ft. of Pay 4
 Location: Sec. 15 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4778-4792 Drill Pipe Size 4.5" XH
 Anchor Length 14 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4773 Drill Collar - 2.25 Ft. Run 28
 Bottom Packer Depth 4778 Mud Wt. 9.3
 Total Depth 4792 Viscosity 45 Filtrate 8 lb/Gal.

Tool Open @ 6:22 AM Initial Blow WEAK SURFACE TO 4.5" IN 30 MINUTES
 Final Blow WEAK SURFACE TO 3" IN 30 MINUTES

Recovery - Total Feet 110 Flush Tool? NO

Rec. 110 Feet of SLTLY OIL STAINED MUDDY WATER-95%WTR/5%MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 118 °F Gravity 60 °API @ _____ °F Corrected Gravity _____ °API
 RW 0.21 @ _____ °F Chlorides 41000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2373.2 PSI AK1 Recorder No. 11057 Range 4500
 (B) First Initial Flow Pressure 59.4 PSI @ (depth) 4780 w / Clock No. 30401
 (C) First Final Flow Pressure 71.7 PSI AK1 Recorder No. 11058 Range 4500
 (D) Initial Shut-in Pressure 954.2 PSI @ (depth) 4787 w / Clock No. 25108
 (E) Second Initial Flow Pressure 84.1 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 87.4 PSI @ (depth) _____ w / Clock No. _____
 (G) Final Shut-in Pressure 861.6 PSI Initial Opening 30 Final Flow 30
 (H) Final Hydrostatic Mud 2259.0 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HERSKOWITZ

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

ORIGINAL

API # 15-171-20461-00-00

Well Name ROBINSON #3-15 Test No. 2 Date 1/29/94
 Company CHOLLA RESOURCES, INC. Zone MORROW
 Address 1641 CALIFORNIA ST SWT 300 DENVER CO Elevation 3059 KB
 Co. Rep./Geo. BILL GOFF Cont. EMPHASIS DRLG RIG #7 Est. Ft. of Pay 3
 Location: Sec. 15 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4730-4770 Drill Pipe Size 4.5" XH
 Anchor Length 40 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4725 Drill Collar - 2.25 Ft. Run 28
 Bottom Packer Depth 4730 Mud Wt. _____ Viscosity 45 Filtrate 8 lb/Gal.
 Total Depth 4770

Tool Open @ 12:45 PM Initial Blow GOOD BLOW OFF BOTTOM IN 2 MINUTES
BLOW OFF BOTTOM IN 17 MINUTES ON INITIAL SHUTIN
 Final Blow GOOD BLOW OFF BOTTOM IN 2 MINUTES
BLOW OFF BOTTOM IN 20 MINUTES ON FINAL SHUTIN

Recovery - Total Feet 1481 Flush Tool? NO

Rec. 1247 Feet of GAS IN PIPE
 Rec. 1295 Feet of CLEAN GASSY OIL- 10% GAS/ 90% OIL
 Rec. 186 Feet of GASSY OIL CUT MUD-20% GAS/ 10% OIL/ 70% MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 112 °F Gravity 31 °API @ 75 °F Corrected Gravity 29.5 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2324.6 PSI AK1 Recorder No. 11057 Range 4500
 (B) First Initial Flow Pressure 114.3 PSI @ (depth) 4735 w / Clock No. 30401
 (C) First Final Flow Pressure 329.5 PSI AK1 Recorder No. 11058 Range 4500
 (D) Initial Shut-in Pressure 688.6 PSI @ (depth) 4765 w / Clock No. 25108
 (E) Second Initial Flow Pressure 360.9 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 560.2 PSI @ (depth) _____ w / Clock No. _____
 (G) Final Shut-in Pressure 689.7 PSI Initial Opening _____ Final Flow 60
 (H) Final Hydrostatic Mud 2261.3 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative MARK HERSKOWITZ

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STATE CORPORATION COMMISSION

APR 26 1994

CONSERVATION DIVISION
Wichita, Kansas

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

API# 15-171-20461-00-00

Well Name ROBINSON #3-15 Test No. 1 Date 1/27/94
 Company CHOLLA RESOURCES, INC. Zone MARMATON
 Address 1641 CALIFORNIA ST SWT 300 DENVER CO Elevation 3059 KB
 Co. Rep./Geo. BILL GOFF Cont. EMPHASIS DRLG RIG #7 Est. Ft. of Pay 4
 Location: Sec. 15 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4439-4465 Drill Pipe Size 4.5" XH
 Anchor Length 26 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4434 Drill Collar - 2.25 Ft. Run 28
 Bottom Packer Depth 4439 Mud Wt. 9.1 lb/Gal.
 Total Depth 4465 Viscosity 58 Filtrate 8

Tool Open @ 8:43 PM Initial Blow GOOD BLOW - SURFACE TO BOTTOM IN 30 MINUTES
 Final Blow SURFACE TO BOTTOM IN 26 MINUTES

Recovery - Total Feet 110 Flush Tool? NO

Rec. 324 Feet of GAS IN PIPE
 Rec. 60 Feet of SLTLY GAS & OIL CUT MUD- 5%GAS/40%OIL/55%MUD
 Rec. 50 Feet of GSY MUD CUT OIL- 20%GAS/70%OIL/10%MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 109 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2134.6 PSI AK1 Recorder No. 11057 Range 4500
 (B) First Initial Flow Pressure 53.8 PSI @ (depth) 4441 w / Clock No. 30401
 (C) First Final Flow Pressure 53.8 PSI AK1 Recorder No. 11058 Range 4500
 (D) Initial Shut-in Pressure 291.4 PSI @ (depth) 4460 w / Clock No. 25108
 (E) Second Initial Flow Pressure 63.8 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 75.1 PSI @ (depth) _____ w / Clock No. _____
 (G) Final Shut-in Pressure 285.8 PSI Initial Opening 30 Final Flow 60
 (H) Final Hydrostatic Mud 2117.6 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative MARK HERSKOWITZ

913-483-2627, Russell, KS
 ne 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 0007517

Home Office P. O. Box 31

Russell, Kansas 67665

NPW

Date	1-21-94	Sec.	15	Twp.	19	Range	34	Called Out		On Location	9:00 PM	Job Start		Finish	11:00 PM
Lease	Robinson	Well No.	3-15		Location	Madoc 1/2 E - 5 1/2 S - 1/2 E			County	Scott		State	Kan		

Contractor	Emphasis Oil Ops #7	
Type Job	Surface	
Hole Size	12 1/4	T.D. 220'
Csg.	8 5/8	Depth 217'
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.		Minimum
Meas Line		Displace <input checked="" type="checkbox"/>
Perf.		

EQUIPMENT

Pumptrk	No.	Cementer	Walt Fitz
	191	Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	
	303	Driver	

DEPTH of Job

Reference:	Pumptruck	
	8 5/8 Wooden Plus	
	225 per mile	
	Sub Total	
	Tax	
	Total	

Remarks:
 Cement Dil Cicc

Owner	Same
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	Challa Resources Inc
Street	Emphasis
City	
State	
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Thomas A. [Signature]

CEMENT

Amount Ordered	150 slks 60/40 per 3% CC - 2% Gel
Consisting of	
Common	
Poz. Mix	
Gel	
Chloride	
Quickset	

Handling	1.00	STATE CORPORATION COMMISSION	Sales Tax
Mileage	44	per 2 mi	
		RECEIVED	
		CONSERVATION DIVISION	
		Wichita, Kansas	
		Sub Total	
		Total	

Floating Equipment

total 40



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO:
CHOLLA RESOURCES INC.
 ADDRESS
1641 CALIFORNIA ST., SUITE # 300
 CITY, STATE, ZIP CODE
DENVER, Co. 80202

TICKET

No.

1111 -
 PAGE 1 OF 2

SERVICE LOCATIONS 1. NESS COY, KS	WELL/PROJECT NO. 3-15	LEASE ROBINSON	COUNTY/PARISH SCOTT	STATE KS	CITY/OFFSHORE LOCATION	DATE 1-31-94	OWNER SAME
2. HAYS, KS	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR EMPHASES DRILLING	RIG NAME/NO. REG # 7	SHIPPED VIA 51145	DELIVERED TO LOCARON	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO. 15-171-20461	WELL LOCATION S 5 - 19S - 34W		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117		1			MILEAGE	138	ME	1	2.75	379.50
001-016		1			PUMP CHARGE	4845	FT	6	1635.00	1635.00
030-018		1			SW PLUG	1	EA	5 1/2"	65.00	65.00
018-315		1			MUDFLUSH	500	GAL		65	325.00
12A	815.205	1			GUIDE SHOE	1	EA	5 1/2"	121.00	121.00
24A	815.19251	1			INSERT FLOAT VALVE	1	EA	5 1/2"	110.00	110.00
27	815.19311	1			AUTO FOL UP UNIT	1	EA		55.00	55.00
40	807.93022	1			CENTRALIZERS S-4	6	EA	5 1/2"	44.00	264.00
50	807.93522	1			CENTRALIZERS FLUIDMASTERS	4	EA	5 1/2"	63.00	252.00
320	800.8883	1			BASKET	1	EA	5 1/2"	110.00	110.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X Terry Maxwell

DATE SIGNED **1-31-94** TIME SIGNED **1100**

A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 3316.50	
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) 2 2833.64
TYPE OF EQUALIZING SUB.	CASING PRESSURE		WE UNDERSTOOD AND MET YOUR NEEDS?				
TUBING SIZE	TUBING PRESSURE		OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WELL DEPTH		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 6150.14	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND							

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) Terry Maxwell	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Terry Maxwell	HALLIBURTON OPERATOR/ENGINEER WAYNE WILSON	EMP # 89377	HALLIBURTON APPROVAL Rory B. [Signature]
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25% C&T + B.M



HALLIBURTON ENERGY SERVICES

CUSTOMER Cholla Resources	WELL Robinson#3-15	DATE 1-31-94	PAGE 2	OF 2
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FORM 1911 R-9

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-308		2		B	Standard Cement	150				6 96	1,044 00
509-968		2		B	Salt Blended	1150	lb			13 90	148 50
508-127		2		B	Cal Seal Blended	7				20 70	144 90
507-777		2		B	Halad-322 Blended	106	lb			6 90	731 40
500-207		2		B	SERVICE CHARGE					CUBIC FEET 1 35	237 60
500-306		2		B	MILEAGE CHARGE	TOTAL WEIGHT 16,056	LOADED MILES 69			TON MILES 95	526 24

RECEIVED
STATE CORPORATION COMMISSION
APR 26 1994
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

CONTINUATION TOTAL	2,833.64
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WELL DATA

FIELD _____ SEC. 15 TWP. 19S RNG. 34W COUNTY SCOTT STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO 0244
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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>14</u>	<u>5 1/2</u>	<u>KB</u>	<u>4844</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>4844</u>	<u>4845</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-31</u>	DATE <u>1-31</u>	DATE <u>1-31</u>	DATE <u>1-31</u>
TIME <u>0600</u>	TIME <u>0900</u>	TIME <u>1525</u>	TIME <u>1645</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WILSON</u>	<u>89377</u>	<u>NESS CITY, KS</u>
<u>M. GAWTT</u>	<u>81231</u>	<u>"</u>
<u>M. KARIEN</u>	<u>61511</u>	<u>HAYS, MO</u>
	<u>PELX-UP</u>	
	<u>39604</u>	
	<u>COMBO</u>	
	<u>8014</u>	
	<u>51252-76103</u>	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
<u>INSERT FLOAT</u>	<u>1</u>	<u>HOWCO</u>
<u>AUTO FOL UP</u>	<u>1</u>	<u>"</u>
<u>GUIDE SHOE</u>	<u>1</u>	<u>"</u>
<u>CENTRALIZERS 6-5-4) 4-Fm)</u>		<u>"</u>
<u>BOTTOM PLUG</u>		
<u>TOP PLUG</u>	<u>1</u>	<u>"</u>
<u>HEAD PC</u>	<u>1</u>	<u>"</u>
<u>BASKET</u>	<u>1</u>	<u>"</u>
<u>BAKER</u>	<u>1</u>	<u>BAKER</u>

STATE CORPORATION COMMISSION
APR 26 1994
CONSERVATION DIVISION
Wichita, Kansas

MATERIALS
TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
PROP. TYPE _____ LB.
PROP. TYPE _____ 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 CEMWT
DESCRIPTION OF JOB 5 1/2" LONGSTRENG

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

CUSTOMER REPRESENTATIVE X Terry Maxwell

HALLIBURTON OPERATOR Wayne W. L. COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>EA-2</u>		<u>B</u>	<u>5% CALSAL, 18% SALT, 75% HANAD-322</u>	<u>1.36</u>	<u>15.5</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____
HYDRAULIC HORSEPOWER _____

SUMMARY

VOLUMES

PRESLUSH (BBL) 12 TYPE MOD FLUSH
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL (BBL) 117.7
CEMENT SLURRY (BBL) 36.3
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 22.00 REASON INSERT

TOTAL PIPE - 4845
CENTRALIZERS - Fm 1,2,13,15) 5-4 3,5,16,17,87,88
BASKET - PEW 88
PORT COLLAR - 2 88 - 1505'

WAYNE W. L.

CUSTOMER CHOLLA RESOURCES, INC
LEASE ROBINSON
WELL NO. 3-15
JOB TYPE 5 1/2" LONGSTRENG
DATE 1-31-94

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
CHOLA RESOURCES INC		3-15		ROBESON		5 1/2" LONGSTRENG		663247	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0600								CALLED OUT
	0900								ON LOCATION - LAYING DOWN D.P.
	1500								BREAK CIRCULATION
	1525	6	12		✓		200		PUMP MUDFLUSH
	1531	6	36.3		✓		175		MAX CEMENT
	1540		7						WASH OUT PUMP - LEVES
	1542								RELEASE PLUG
	1543	6.5	0		✓		500		DISPLACE PLUG
	1603		117.7				1500		PLUG DOWN
	1604								RELEASE PSI
									OK FLOAT HELD
									WASH UP TRUCK
									BACK UP TRUCK
									FEWISH TICKETS
	1645								JOB COMPLETE
									THANK YOU
									WAYNE WILSON
									MIKE GANTY
									MEL KARTEN

RECEIVED
 STATE CORPORATION COMMISSION
 APR 26 1994
 CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL