



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO
INVOICE & TICKET NO.

623010

DATE 5-16-73

FORM 1908 R-2

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

DISTRICT FARMINGTON, N.MEX.

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: BCO INC. (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

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

FIELD F350170 COUNTY ROCKWORTH STATE N.MEX. OWNED BY BCO INC.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO	CASING	14 #	5 1/2	0	3470	3200
PACKER: TYPE <u>E-2 Drill</u>	SET AT <u>346</u>	LINER	47	2 3/8	0	346	
TOTAL DEPTH <u>3470</u>	MUD WEIGHT	TUBING					
BORE HOLE <u>5 1/2 Casey</u>		OPEN HOLE					SHOTS/FT.
INITIAL PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF		PERFORATIONS					
PRESENT PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF		PERFORATIONS					
		PERFORATIONS					

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

5 1/2 E2 DRILL & SQUEEZE @ 3400

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

THAT THE ABOVE INFORMATION IS TRUE AND CORRECT AND THAT THE CUSTOMER OR HIS AGENT IS NOT PROVIDING ANY INFORMATION THAT IS FALSE OR MISLEADING.

[Handwritten signature and date]
5-16-73

HALLIBURTON SERVICES JOB SUMMARY

FORM 2012

HALLIBURTON
LOCATION

DIVISION INDUSTRIAL SERVICES
FARMINGTON, N.M.

BILLED ON
TICKET NO.

623000

WELL DATA

FIELD ELIOT SEC. 1 TWP. 1 RNG. 1 COUNTY BLA STATE N.M.

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 E2 DRILL SET AT 3416

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<u>1</u>	<u>12</u>	<u>0</u>	<u>2403</u>	<u>14</u>	<u>2500</u>
LINER	<u>1</u>	<u>12</u>	<u>0</u>	<u>2404</u>	<u>47</u>	<u>2500</u>
TUBING						
OPEN HOLE						
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

TOTAL DEPTH: _____

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>5-16-73</u>	DATE <u>5-16-73</u>	DATE <u>5-16-73</u>	DATE <u>5-16-73</u>
TIME <u>0820</u>	TIME <u>0920</u>	TIME <u>1100</u>	TIME <u>1400</u>

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<u>E. Lamb</u>	<u>10374</u>	<u>1007</u>	<u>Farmington</u>
<u>L. McPherson</u>	<u>30677</u>		<u>Farmington</u>
<u>C. McPherson</u>	<u>1045</u>		<u>Farmington</u>
<u>T. McPherson</u>	<u>30352</u>	<u>6088 BL</u>	<u>Farmington</u>
<u>C. Smith</u>	<u>10146</u>	<u>1001</u>	<u>Farmington</u>
<u>SHAPPEAR</u>	<u>14054</u>	<u>FA</u>	<u>Farmington</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 _____

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

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

BREAKER TYPE _____ GAL.-LB. _____ IN _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFFAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Industrial Services

DESCRIPTION OF JOB E2 DRILL & JOBS

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

CUSTOMER REPRESENTATIVE Harry L. Bigler

HALLIBURTON OPERATOR E. Lamb

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>150</u>	<u>CEA</u>			<u>BL</u>	<u>2500</u>	<u>1.75</u>	<u>15.6</u>

SUMMARY

CIRCULATING 120 PRESSURES IN PSI _____

BREAKDOWN _____ DISPLACEMENT _____

AVERAGE _____ FRACTURE GRADIENT _____

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

ORDERED _____ AVAILABLE _____ USED _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FREE _____ REASON _____

VOLUMES

PREFLOPPED BBL-GAL. 100 TYPE _____

LOAD & DRUM: BBL-GAL. 100 FAD: BBL-GAL. 20

TREATMENT: BBL-GAL. 31 DISPL: BBL-GAL. 144

CEMENT SLURRY: BBL-GAL. _____

TOTAL VOLUME: BBL-GAL. _____

REMARKS _____

CUSTOMER BLA DATE 5-16-73 WELL NO. 1 JOB TYPE INDUSTRIAL

JOB LOG

TICKET NO. 623010

CUSTOMER

BCO INC.

PAGE NO.

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JOB TYPE

CONCRETE PUMP

DATE

5-16-73

FORM 2013

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:00	5	1000				500	Circulate 9/16" C
	11:45					2500		TEST at 70.6 IN
	12:03	2 1/2	20					Pump into Perfor
	12:07						1000	Pressure above casing
	12:11	3				1200		MIX CEMENT
	12:22					1500		START DISPLACEMENT
	12:29					1100		Tool Clean
	12:45					1000		Pull pipe out of hole + Come out of hole
								Job complete
								THANK YOU