



00523966

LED ON
KET NO

304972

WELL DATA

ELD. N.W. Fads SEC. 31 TWP. 16S RNG. 49W COUNTY Kiowa STATE Co

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		U	24	8 3/4	K.B	506	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

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.

ACKER TYPE SET AT

BOTTOM HOLE TEMP. PRESSURE

SC. DATA TOTAL DEPTH

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
COAT COLLAR		
COAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
WACKER		
OTHER		

MATERIALS

REAT. FLUID DENSITY LB/GAL-API

SPL. FLUID DENSITY LB/GAL-API

POP. TYPE SIZE LB.

POP. TYPE SIZE LB.

DID TYPE GAL %

DID TYPE GAL %

DID TYPE GAL %

URFACTANT TYPE GAL IN

E AGENT TYPE GAL IN

UID LOSS ADD. TYPE GAL-LB IN

ELLING AGENT TYPE GAL-LB IN

IC. RED. AGENT TYPE GAL-LB IN

EAKER TYPE GAL-LB IN

OCKING AGENT TYPE GAL-LB

RFPAC BALLS TYPE QTY.

HER

HER

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-5-93</u>	DATE <u>2-5-93</u>	DATE <u>2-5-93</u>	DATE
TIME <u>07:00</u>	TIME <u>22:00</u>	TIME <u>11:12</u>	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>P. Taylor</u>	<u>D4033</u>	<u>40048 Liberal</u>
<u>T. Brock</u>	<u>52823</u>	
<u>B8806</u>	<u>75374</u>	<u>Liberal</u>
<u>T. Davis</u>	<u>50737</u>	
<u>F4550</u>	<u>5302</u>	<u>Hugoton</u>

DEPARTMENT Cement

DESCRIPTION OF JOB PTA

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

CUSTOMER REPRESENTATIVE X Ken Caruthers

HALLIBURTON OPERATOR R. Tush COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	40	premium	H	B	Neat	1.06	16.4
2	40	"	"	"	"	"	"
3	40	"	"	"	"	"	"
4	10	"	"	"	"	"	"
5	10	"	"	"	"	"	"

PRESSURES IN PSI

SUMMARY

VOLUMES

IRCULATING DISPLACEMENT PRESURUSH: BBL-GAL TYPE

EAKDOWN MAXIMUM LOAD & BKDN: BBL-GAL PAD: BBL-GAL

ERAGE FRACTURE GRADIENT TREATMENT: BBL-GAL DISPL: BBL-GAL

UT-IN INSTANT 5-MIN. 15-MIN. CEMENT SLURRY: BBL-GAL 26.5

HYDRAULIC HORSEPOWER TOTAL VOLUME: BBL-GAL

ORDERED AVAILABLE USED REMARKS

AVERAGE RATES IN BPM

EATING DISPL. OVERALL

CEMENT LEFT IN PIPE

ET. 77' & 60' REASON Plug in Surface pipe

CUSTOMER

CPAC

LEASE

12001

WELL NO.

14-31

JOB TYPE

PTA

DATE

8593



UPRC

PAGE NO. _____

DATE 2-5-93

ORM 2013 R-2

JOB TYPE

PTA

[illegible]



BEST IMAGE AVAILABLE FOR INVOICE AND
TICKET NO. _____

FOR INVOICE AND
TICKET NO. 304972

[illegible]