

COLORADO OIL & GAS CONSERVATION COMMISSION

FIELD INSPECTION REPORT



☐ NOTICE OF UNSATISFACTORY INSPECTION
☒ NOTICE OF SATISFACTORY INSPECTION

1120 Lincoln St.
 Denver, CO 80203
 (303)894-2100

API No. 05- 017 - 7513		LEASE NAME: RED ROCKS "1-20	
LOCATION: NESW20-155-42W		OPERATOR: Amoco	
DATE: 4-3-96		INSPECTOR: R. VanSickle	
Insp. Type: CA	Insp. Status: DA	PA: Y <input checked="" type="radio"/> N	Pass/Fail: <input checked="" type="radio"/> P F
		Viol.: Y <input checked="" type="radio"/> N	NOV: Y N

INSPECTION ITEM

COMMENTS

INPUT

Well ID Signs (Rule 210)	✓	
Pits (Reserve/Production) (Rule 902, 903, 904)	✓	
Fences (Rule 604.C.(3), 1003.A)	✓	
Tank Battery Equipment (Rule 604)	✓	
Fire Walls/Berms/Dikes (Rule 604)		
General Housekeeping (Rule 603.G)		
Spills (Oil/Water) (Rule 908)		
Bradenhead (Rule 207)		
Drilling Well/Workover (Rule 315)	On loc. @ 0010 HRS. Pump first plug, 40 sk @ 4996'. Pull pipe to 2351' & set	✓
Surface Rehabilitation (Rule 317)		
Miscellaneous	40 sk plug. Pull pipe to 1886', set 40 sk plug. Pull pipe to 1514' & set 40 sk plug. Pull pipe to 619', set 4 sk plug. Pull pipe to 60', set 10 sk. 0500H	✓

CORRECTIVE ACTION REQUIRED: None.

Date Corrective Action Required By:

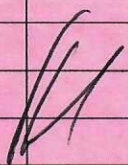
Date Remedied:

This report is a Notice of Inspection. The Commission requires that you correct any deficiencies shown on this report in a timely manner. Failure to comply may result in enforcement action by the Commission.

White - File Green - Operator Canary - Well Site

BEST IMAGE
AVAILABLE

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Amoco		4-20		Red Rock		H2		931456	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
1	1730							Called out	
	0026							on location	
	0041					0-200		1st Plug 4 1/2" Start spacer H ₂ O	
1	0107	4.5	10			100-100		spacer pumped Start cont	
	0108	4.5	8.4			100-200		cont Pumped Start spacer	
	0109	4.5	3.5			200-300		spacer Pumped Start and Displacement	
	0117	4.5	1.5			300-0		mud Pumped shut down pull Pipe	
2	0321					0-230		2nd Plug 2 3/8" Start spacer	
	0322	5	10			230-300		spacer pumped Start cont	
	0324	5	8.4			300-85		cont Pumped Start spacer	
	0325	5	3.5			85-150		spacer pumped Start and Displacement	
	0333	5	2.7			150-0		mud Pumped shut down Pull Pipe	
3	0352							3rd Plug 1 3/8" Start spacer	
	0354	6	10			0-200		spacer pumped Start cont	
	0356	6	8.4			200-250		cont Pumped Start spacer H ₂ O	
	0356	6	3.5			250-85		spacer Pumped Start and Displacement	
	0359	6	2.1			85-200-0		mud Pumped shut down Pull Pipe	
4	0415					0-200		4th Plug 1 5/8" Start spacer H ₂ O	
	0419	4	10			0-250		spacer pumped Start cont	
	0419	4	8.4			250-100		cont pumped, Start spacer	
	0419	4	3.5			100-200		spacer pumped, Start and Displacement	
	0422	4	15.8			200-0		mud Pumped shut down Pull Pipe	
5	0511							5th Plug 1 1/2" Start spacer	
	0512	6	10			0-160		spacer pumped Start cont	
	0512	6	8.4			160-100		cont pumped Start spacer	
	0514	6	3.5			100-170		spacer (Quaker) Start and Displacement	
	0517	6	3.5			170-0		mud Pumped shut down Pull Pipe	
	0642	1	4					Pump Cont Top 60'	
	0647	1	3					" " Make Hole	
		1	4					" " Rat Hole	
	0700							Job Completed	
								Thank you For Calling	
								Halliburton Energy Services	
								Ron, Tim & Clint	

OK 

WELL DATA

FIELD _____ SEC. 20 TWP. 15 RNG. 42W COUNTY Cheyenne STATE Colo

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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-2-96	DATE 4-3-96	DATE 4-3-96	DATE 4-3-96
TIME 1730	TIME 0025	TIME 0101	TIME 0700

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

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 _____

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 _____

PERSONNEL AND SERVICE UNITS

[illegible]

DEPARTMENT 5001
DESCRIPTION OF JOB 115 PTA

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON
OPERATOR Ron Crist

COPIES
REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	220	H		B	Neat	1.18	15.6

PRESSURES IN PSI

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

HYDRAULIC HORSEPOWER

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
CEMENT SLURRY: BBL.-GAL. 46.2 DD16 _____
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM

TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE

FEET _____ REASON _____

REMARKS
1st Plug 4996' 2nd plug 2351' 3rd plug 1086'
4th plug 1514' 5th plug 619' 6th Top of
2nd outcrop, 8th outcrop

HALLIBURTON

TICKET CONTINUATION

CUSTOMER COPY

TICKET

No.

HALLIBURTON ENERGY SERVICES

CUSTOMER

1000

WELL

Red Rock

DATE _____

4-2-96

PAGE

OF

FORM 1911 R-10

[illegible]

No. B 341533

CONTINUATION TOTAL

716-50



JOB LOG HAL-2013-C

3-19-96

CUSTOMER

WELL NO.

LEASE

JOB TYPE

TICKET NO.

Amoco

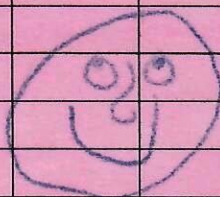
1-20

Red Rock

DLO

921307

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1845							CALLED OUT - READY 2400
	2430							ON LOC. - RTG Drilling
	0815							START CSG IN HOLE
	1015							Hook up CMT HEAD
	1030							CIRCULATION TO PIT - SAFETY MEETING
	1040							Hook CMT LINE
	1042	5.4	83				140	START LEAD CMT 12.3"/KAL
	1057	5.4	19				140	START TAL CMT 14.8"/KAL
	1101		0				0	SHUT OFF DROP PLUG.
	1105	4.0	20.4				0	START DISPLACEMENT H ₂ O
	1108	2	5				135	SLOW RATE 2BPM
	1113	1	5				200	SLOW RATE 1BPM
	1118						550	PLUG LANDED - 35.4 BBL TOTAL
								FLAT HEAD - JOB OVER
								WAITED 10 MIN TO SEE
								IF CELLAR CMT DROPPED -
								CMT STAYED UP -
								36 BBL CMT PIT 98 SKS
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAC - OK
								HAVE A NICE DAY
								BROADFOOT - CORNELSEN - ASHLEY

SURFACE
CSG



HALLIBURTON

JOB
SUMMARYHALLIBURTON
DIVISION
HALLIBURTON
LOCATIONMID CONTINENT
LIBERALBILLED ON
TICKET NO.

921307

WELL DATA

FIELD _____ SEC. 20 TWP. 15S RNG. 42W COUNTY CHEYENNE STATE COLO

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 _____

JOB DATA

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE	3-19-96	DATE	3-20-96	DATE	3-20-96	DATE	3-20-96
TIME	1830	TIME	0100	TIME	1040	TIME	1130

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. BROODFOOT	420045	LIBERAL KS.
C. CORNELSEN	52947	"
C. ASHLEY	51784	McGOTON KS.

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

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 CEMENT

DESCRIPTION OF JOB

CEMENT 8 5/8 SURFACE CSB.JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐CUSTOMER
REPRESENTATIVE XHALLIBURTON
OPERATOR Jim BroodfootCOPIES
REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	225	Prem Plus LT	B	2% C.C.	1/4 FLOCELE	2.06	12.3
1	60	Prem Plus	B	2% C.C.	1/4 FLOCELE	1.32	14.8
2	80	Prem Plus	B	2% C.C.	1/4 FLOCELE NOT USED	1.32	14.8

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 35.4

CEMENT SLURRY: BBL.-GAL. 83-19

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 40.20 REASON SHOE JT.

MSDS GIVEN TO CO-MAN

36 BBL CMT P.T. - 98 SKS.

JOB WELL TYPE - 100 ACCIDENTS



FIELD COPY

No.

FORM 1911 R-10

CUSTOMER

WELL

DATE _____

PAGE

OF

1950

1994

2-10-06

1

[illegible]

No. B 219969

CONTINUATION TOTAL

6760.37



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CUSTOMER COPY

TICKET

No.

921307 - 2

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <u>Liberal KS</u>	<u>1-70</u>	<u>Red Rock</u>	<u>Cherokee</u>	<u>CO</u>		<u>8-14-96</u>	<u>Samco</u>
2. <u>Hugoton KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>KUDA</u>	RIG NAME/NO. <u>Rig 1</u>	SHIPPED VIA <u>P.H.</u>	DELIVERED TO <u>92E-92 Cherokee Wells</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>DIO</u>	WELL PERMIT NO.	WELL LOCATION <u>20-155-42W</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		40	MILEAGE	1	unit	200	m	2.85	570.00
000-118		40	CREW MILEAGE	1	unit	200	m	1.50	300.00
001-010		40	PUMP CHARGE	60	hr	60	hr		890.00
001-018		40	ADDITIONAL NPS	4	1/2			230.00	720.00
002-002		40	TOP PLUG - WOODEN	1	EA	8	1/2 in		95.00
24	715.19401	15	INSERT	1	EA	8	1/2 in		198.00
27	815.19414	20	FILLUP	1	EA	8	1/2 in		64.00
41	806.01049	55	CENTRIZERS	3	EA	8	1/2 in	61.00	183.00
350	490.10402	20	WELD A	1	lb				16.75

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED <u>8-20-96</u>	TIME SIGNED <u>1200</u>	<input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.
<input type="checkbox"/> I do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		
TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				3247 75
WE UNDERSTOOD AND MET YOUR NEEDS?				FROM CONTINUATION PAGE(S)
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				6765 37
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				10006 12
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			SUB-TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				APPLICABLE TAXES WILL BE ADDED ON INVOICE

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) <u>Roll P. Halliburton</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X</u>	HALLIBURTON OPERATOR/ENGINEER <u>2464</u>	EMP # <u>2464</u>	HALLIBURTON APPROVAL <u>2464</u>
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