

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

Submit 1 copy

BEST IMAGE
AVAILABLE

FOR OFFICE USE			
ET	TE	LC	SE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR Amoco Production Company		PHONE 303-830-5323	
ADDRESS PO Box 800 Room 924 Denver, CO 80201			
2. DRILLING CONTRACTOR Kudu Drilling Company		PHONE 316-264-6366	
3. LOCATION OF WELL (Footages from section lines) At surface 2040' FNL & 2040' FNL (C SE NW) At top prod. interval reported below Same At total depth Same			
4. ELEVATIONS KB 4124' GR 4112'		5. TYPE OF WELL <input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> METHANE <input checked="" type="checkbox"/> DRY <input type="checkbox"/> INJECTION <input type="checkbox"/> OTHER	
6. TYPE OF COMPLETION <input type="checkbox"/> COMMINGLED <input type="checkbox"/> NEW WELL <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> RECOMPLETION STARTED (DATE)			
7. FEDERAL/INDIAN OR STATE LEASE NO. Fee			
8. IF INDIAN, ALLOTTEE OR TRIBE NAME			
9. WELL NAME AND NUMBER Avalanche #1-14			
10. FIELD OR WILDCAT Wildcat			
11. QTR. QTR. SEC. T. R. AND MERIDIAN SE NW Sec. 14-T15S-R43W 6th P.M.			
WAS DIRECTIONAL SURVEY RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> IF YES, ATTACH COPY			
12. PERMIT NO. 96 195	13. API NO. 05 017 7517	14. SPUD DATE 4-24-96	15. DATE TD REACHED 5-9-96
16. DATE COMPL. <input checked="" type="checkbox"/> D&A 5-9-96 <input type="checkbox"/> READY TO PROD		17. COUNTY Cheyenne	
18. STATE CO.		21. DEPTH BRIDGE PLUG SET MD N/A TVD	
19. TOTAL DEPTH MD 5710' TVD Same		20. PLUG BACK TOTAL DEPTH MD 5230' TVD Same	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) ML, HRI, SDL/DSN with EVR, BCS, CLA			
23. WAS WELL CORED? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit Analysis) MRRW WAS DST RUN? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit Report) MRRW			
24. CASING & LINER RECORD (Report all strings set in well)			

SIZE	WEIGHT (LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	NO. OF SKS. & TYPE OF CEMENT	SLURRY VOL. (BBL.)	TOP OF CEMENT (Specify calc. or CBL)
8 5/8"	28	12 1/4"	12'	818'	818'	Premium Plus Lite-175-64	Surface	
				608'		Premium Plus-150-35	Surface	

25. TUBING RECORD - Please Specify # of Strings N/A

SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)

26. PRODUCING INTERVALS

27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMMINGLED PRODUCTION (RULE 332)

FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF. STATUS (open, squeezed)
A)						
B)						
C)						
D)						

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. PRODUCTION - INTERVAL A

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
N/A-Dry			→						
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
			→						

PRODUCTION - INTERVAL B

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
			→						

PRODUCTION - INTERVAL C

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

PRODUCTION - INTERVAL D

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

30. PLEASE ATTACH AN 8 1/2" x 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF. CORED INTERVALS AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES.

32. FORMATION (LOG) MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH
Dakota	1614'	1790'	Water Sand	Dakota	1614'
Cheyenne Sand	1928'	2012'	Water Sand	Cheyenne Sand	1928'
Cedar Hills	2812'	2894'	Water Sands	Morrison	2012'
Morrow	5214'	5336'	See attached geologic report for Core No. 2 and 2.	PERMIAN	2098'
Morrow	5199'	5340'	See attached geologic report for DST No. 1 analysis	Day Creek	2234'
Spargen Dolomite	5582'	5710'		Blaine	2466'
				Cedar Hills	2812'
				Stone Corral	2976'
				Stone Corral-BASE	3008'
				Neva	3566'
				Foraker	3736'
				Shawnee/Topeka	4054'
				Topeka "C"	4234'
				Lansing Kansas City	4314'
				Marmaton	4776'
				Pawnee Member	4800'
				Fort Scott Member	4846'
				Cherokee	4916'
				Atoka	5068'
				Morrow Shale (SONIC)	5214'
				Morrow Shale (STRAT)	5230'
				Lower Morrow Lime	5336'
				MISSISSIPPIAN	5394'
				Spargen TD	5582'
					5710'

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

Obtained verbal plugging orders from Bob Van Sickle. Well was plugged using Premium Plus cement (Neat) as follows: Plug No. 1 at 5230' w/40 sx cement; Plug No. 2 at 2450' w/40 sx cement; Plug No. 3 at 1889' w/40 sx cement; Plug No. 4 at 1578' w/40 sx cement; Plug No. 5 at 651' w/40 sx cement; plug top w/10 sx cement; Rathole w/5 sx cement; Mousehole w/5 sx cement. Surface will be restored by November 9, 1996.

34. CIRCLE ENCLOSED ATTACHMENTS:

1. MECHANICAL LOGS (1 full set req'd)

2. GEOLOGIC REPORT

3. WELLBORE SKETCH (See #27)

4. DST REPORT

5. DIRECTIONAL SURVEY

6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

7. CORE ANALYSIS

8. OTHER:

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Susan R. Potts

JOB LOG HAL-2013-C

DATE 4-25-96 PAGE NO. 921319

CUSTOMER Amoco Production WELL NO. 1-14 LEASE AVALANCHE JOB TYPE SURFACE 87% TICKET NO. 921319

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							CALLED OUT READY AT 11:30 OXANDED
	1700							TO 0130 -
	0200							ON LOCK. STILL DRUG.
	0200							START CSG IN HOLE
	0200							Had To Rotate Some CSG IN
	0200							TIGHT -
	0200							Hook up CMT HEAD
	0225							CIRCULATION - SAFETY MEETING.
	0245							Hook up CMT LINE
	0248	1	1					PRESSURE TEST
	0251	7	64			1100		START LEAD CMT 12.3"
	0700	7	35			210		START TAIL CMT 14.8"
	0705	—	—			250		SHUT OFF DROP PLUG
	0708	5.6	28			200		START DISPLACEMENT H ₂ O
	0713	5	10.2			250		SLOW RATE - (38.2 BBL TOTAL)
	0715					400		PLUG LANDED - JOB OVER
								FLOAT HELD
								10 BBL CMT PIT - 27 SKS
								MSDS GIVEN TO CO MAN
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL O.Ks.
								"HAVE A GREAT DAY"
								BROADFOOT - CORNELSEN - ADAIR

BEST IMAGE AVAILABLE



SURFACE
CSG



JOB SUMMARY

HALLIBURTON
DIVISION
HALLIBURTON
LOCATION

MID CONTINENT
LIBERAL KS.

BILLED ON
TICKET NO.

921319

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ 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	4-24-96	DATE	4-24-96	DATE	4-25-96	DATE	4-25-96
TIME	1630	TIME	2200	TIME	0645	TIME	0800

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Broadfoot	420045	LIBERAL KS.
C. CORNELSEN	52947	11
G2569	75496	
J. ADAIR	50866	HUGOTON KS.
G3813	75237	

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DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT 8 5/8 SURFACE CSG.

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Jim Broadfoot COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	175	Prem Plus LT		B	2% C.C. - 1/40 PK Thiocele	2.06	12.3
1	150	Prem Plus		B	2% C.C. - 1/4 PK Thiocele	1.32	14.8

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 38.2

CEMENT SLURRY: BBL.-GAL. 64-35

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

MSAS GIVEN TO CO MAN

10 BBL CMT PIT - 27 SKS.

Job Well Done - NO ACCIDENTS

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 31.29 REASON Surface JT





CUSTOMER COPY

TICKET

No

1234

FORM 1911 R-10

CUSTOMER

WELL

1300

DATE _____

PAGE , OF

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[illegible]

No. B 341680

CONTINUATION TOTAL

6823.8

