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OGCC FORM 4  
Rev. 4/89STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES

SUBMIT ORIGINAL AND 1 COPY



FOR OFFICE USE ONLY			
EE	FE	UC	SE

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

3 FEDERAL INDIAN OR STATE LEASE NO

Fee

6 PERMIT NO

96 195

☐ OIL WELL    ☐ GAS WELL    ☐ COALBED METHANE    ☐ INJECTION WELL    ☒ OTHER D&A

2 NAME OF OPERATOR

Amoco Production Company

3 ADDRESS OF OPERATOR

PO Box 800 Room 924

CITY	STATE	ZIP CODE
Denver	CO	80201

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

See also space 17 below )  
At surface

2040' FNL &amp; 2040' FWL (C SE NW)

At proposed prod zone

Same

12 COUNTY

Cheyenne

7 API NO

05 017 7517

8 WELL NAME

Avalanche

9 WELL NUMBER

1-14

10 FIELD OR WILDCAT

Wildcat

11 QTR. QTR. SEC., T.R. AND MERIDIAN

SE NW Sec. 14-T15S-R43W  
6th P.M.

Check Appropriate Box To Indicate Nature of Notice, Report or Notification

## 13A. NOTICE OF INTENTION TO:

- ☐ PLUG AND ABANDON  
☐ MULTIPLE COMPLETION  
 COMMMINGLED ZONES  
 FRACTURE TREAT  
☐ REPAIR WELL  
☐ OTHER \_\_\_\_\_

## 13B. SUBSEQUENT REPORT OF:

- ☒ FINAL PLUG AND ABANDONMENT  
 (SUBMIT 3RD PARTY CEMENT VERIFICATION  
 AND JOB LOG)  
☐ ABANDONED LOCATION (WELL NEVER DRILLED -  
 SITE MUST BE RESTORED WITHIN 6 MONTHS)  
☐ REPAIRED WELL  
☐ OTHER \_\_\_\_\_

\*Use Form 5 - Well Completion or Recompletion Report and Log  
for subsequent report of Multiple/Commingle Completions  
and Recompletions

## 13C. NOTIFICATION OF:

- ☐ SHUT-IN, TEMPORARILY ABANDONED  
 (DATE \_\_\_\_\_)  
 (REQUIRED EVERY 6 MONTHS)  
☐ PRODUCTION RESUMED  
 (DATE \_\_\_\_\_)  
☐ LOCATION CHANGE (SUBMIT NEW PLAT)  
☐ WELL NAME CHANGE  
☐ OTHER \_\_\_\_\_

14. DESCRIBE PROPOSED OR COMPLETED OPERATIONS ON THIS FORM (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent)

15. DATE OF WORK May 9, 1996

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.

BEST IMAGE  
AVAILABLE

16. I hereby certify that the foregoing is true and correct

SIGNED

TELEPHONE NO. 303-830-5323

NAME (PRINT) Susan R. Potts

TITLE Senior Staff Assistant

DATE June 4, 1996

(This space for Federal or State office use)

APPROVED

TITLE

DATE

6/14/96



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OIL AND GAS CONSERVATION COMMISSION  
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			Fee
1 NAME OF OPERATOR Amoco Production Company			6 PERMIT NO 96 195
2 ADDRESS OF OPERATOR PO Box 800 Room 924			7 API NO 05 017 7517
CITY Denver	STATE CO	ZIP CODE 80201	8 WELL NAME Avalanche
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements See also space 17 below) At surface 2040' FNL & 2040' FWL (C SE NW)			9 WELL NUMBER 1-14
At proposed prod. zone Same			10 FIELD OR WILDCAT Wildcat
12 COUNTY Cheyenne			11 QTR. QTR. SEC., T.R. AND MERIDIAN SE NW Sec. 14-T15S-R43W 6th P.M.

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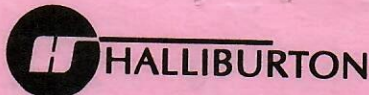
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SIGNED Susan R. Potts TELEPHONE NO. 303-830-5323NAME (PRINT) Susan R. Potts TITLE Senior Staff Assistant DATE June 4, 1996

(This space for Federal or State office use)

6/14/96





## JOB LOG HAL-2013-C

DATE	PAGE NO.
5-9-96	1
TICKET NO.	
920103	

CUSTOMER	WELL NO.	LEASE	JOB TYPE
Amoco	1-14	Avalanche	PTM

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called out for job.
	1045							On 10c K.Y. L.D.C.
	1130							TIH D.P. TO 5230
	1255							D.P. at 5230 K.Y. circ.
	1325							Thru circ. Hook Iron to P.T.
								1 <sup>st</sup> plug at 5230 40sx
	1331	9.0	10	✓		250		Pump H <sub>2</sub> O spacer
	1334	5.0	9.4	✓		250		Pump 40sx P.T. cement at 14.8 <sup>psi</sup> /ft
	1336	5.0	3.5	✓		250		Pump H <sub>2</sub> O spacer
	1337	5.0	68.4	✓		180		Pump mud disp.
	1347	0	913	✓		Ball		Shut down pull H.P.
								Calc. TOC D.P. out 5074 ft
								2 <sup>nd</sup> plug at 2450 40sx
	1524							Hook Iron to P.T.
	1528	5.0	14.5	✓		200		Pump H <sub>2</sub> O spacer
	1533	5.0	9.4	✓		200		Pump 40sx P.T. cement at 14.8 <sup>psi</sup> /ft
	1535	5.0	5.0	✓		70		Pump H <sub>2</sub> O spacer
	1536	7.0	29.2	✓		150		Pump mud disp.
	1539	0	52.1	✓		Ball		Shut down pull H.P.
								Calc. TOC at 2294 D.P. out
								3 <sup>rd</sup> plug at 1889 ft
	1555							Hook Iron to P.T.
	1601	3.0	10	✓		100		Pump H <sub>2</sub> O
	1607	4.5	9.4	✓		180		Pump 40sx P.T. cement at 14.8 <sup>psi</sup> /ft
	1609	3.5	3.5	✓		80		Pump H <sub>2</sub> O spacer
	1610	7.0	20.9	✓		200		Pump mud disp.
								Calc. TOC at 1733 D.P. out
								4 <sup>th</sup> plug at 1578
	1625							Hook Iron to P.T.
	1629	4.5	10	✓		200		Pump H <sub>2</sub> O spacer
	1632	4.5	9.4	✓		200		Pump 40sx P.T. cement at 14.8 <sup>psi</sup> /ft
	1634	4.5	3.5	✓		50		Pump H <sub>2</sub> O spacer
	1635	5.5	16.5	✓		70		Pump mud disp.
	1638	0				Ball		Shut down pull H.P.
								Calc. TOC 1422 D.P. out

BEST IMAGE  
AVAILABLE

CUSTOMER





**HAL-2013-C**

5.9.98

2

Amolo

1-12

## Avalanche

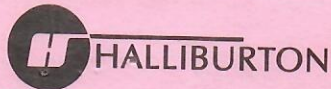
§ 54 S.P.

920103

**BEST IMAGE  
AVAILABLE**

## CUSTOMER





# JOB SUMMARY

HALLIBURTON  
DIVISIONHALLIBURTON  
LOCATION

Midcontinent Area

Liberal, KS.

BILLED ON  
TICKET NO. 920103

## WELL DATA

FIELD \_\_\_\_\_ SEC. 14 TWP. 15 RNG. 43 COUNTY Cheyenne STATE CO

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 05-9-96	TIME 0500	DATE 5-9-96	TIME 1045	DATE 5-9	TIME 1330	DATE 5-9-96	TIME 1850

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Davis	420042	Liberal
F4550	P.U.	KS.
T. Poyor	52523	"
48120	75374	"
B. Corporation	4037	Hogotom
H2441	6612 Bulk	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 CMT

DESCRIPTION OF JOB

PT H

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR

Tyeo Davis

COPIES REQUESTED

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	220	Promplus		B	WPAJ	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  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE  
FEET \_\_\_\_\_ REASON \_\_\_\_\_

## SUMMARY

PRESLUSH: BBL.-GAL. 10 TYPE H2O  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 71.9  
CEMENT SLURRY: BBL.-GAL. 52  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## REMARKS

BEST IMAGE  
AVAILABLECUSTOMER 410000  
LEASE 410000  
WELL NO. 1-14  
JOB TYPE PTG  
DATE 5-9-96









**CUSTOMER COPY**

TICKET  
No. 920103

FORM 1911 R-10

No. B 341734