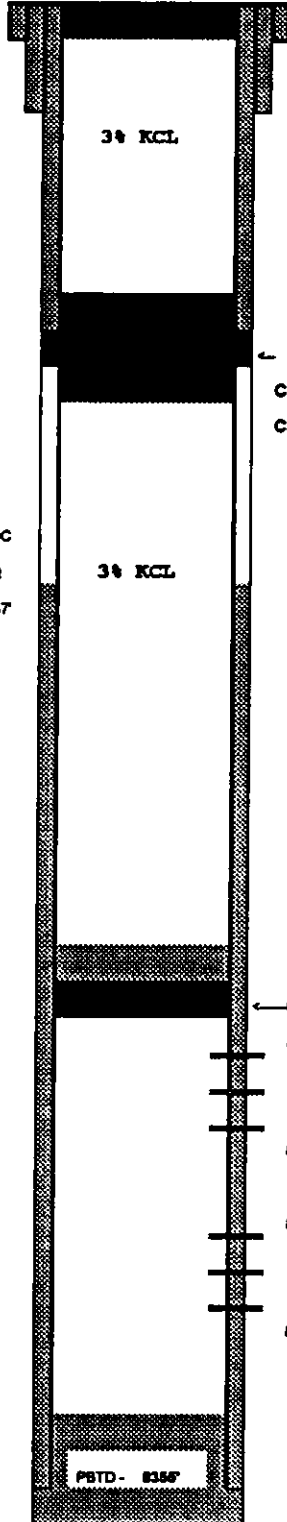




WELLBORE DIAGRAM

103-09213

WELL NAME: P. M. FEDERAL #1-27-2-104 DATE: 08-14-96 PRESENT: X PROPOSED:
 AREA: CO DEPT: 475 LOC NO: 0490501 FIELD: HELL'S HOLE
 RRID NO: COUNTY: RIO BLANCO GAS/OIL PURCH: N/A WELL TA
 COMP: LSE OPER: A. EVANS PREP BY: R. E. WILSON
 TD: 8407' PBTD: 8355' COMPLETION DATE: 06-29-85 SPUD DATE: 12-03-84



KB: 6055' DF: 6054' GL: 6040' MEC GWI: 1.00 MEC NRI:

SURFACE CASING

DEPTH	SIZE	WT	GRADE
768'	9-5/8"	36#	K-55
BIT SIZE	SACKS	TOC	
12-1/4"	425	SURF	

CONDUCTOR C90 (18") @ 40' WITH 4 YRDS CMT

TUBING MAKEUP

TBG SIZE	DEPTH	WT	GRADE
N/A			
COUPLINGS	DRIPT	DATE RUN	

PACKERS & PLUGS

DEPTH	TYPE	DATE SET
8100'	CIBP W/ 2 SXS CMT	9-15-94
4050'-3821'	20 SXS CMT	7-28-96
60'-3'	10 SXS CMT	7-28-96

PERFORATIONS

FROM	TO	SHOTS	STATUS
8210'	8243'	62	PA
8169'	8179'	22	PA
8146'	8155'	18	PA

BOTTOM HOLE DATA

DEPTH	SIBHP	SI HRS	DATE

WELL P&A'D ON 07-28-96.

PRODUCTION CASING

DEPTH	SIZE	WT	GRADE	CLASS	BIT SIZE	SACKS	TOC
8407'	4-1/2"	11.6#	K-55	LT&C	8-3/4"	380	7387'
						1379'	SURF

DV TOOL SET AT 3975'

PARK MOUNTAIN DAKOTA

Rio Blanco Co., CO
Area III
TD 8407'
PBTB 8355'

Perfs

Cmt Plug 60-3'
Cmt Plug 4050-3821'
CIBP 8100' (w/2 sx cmt)
8146-8179'
8210-43'

P.M. Federal #1-27-2-104

AFE No. B5911
WIO: 100% MEC
9-5/8" set at 768'
4-1/2" set at 8407'
DV tool at 3975'

OBJECTIVE: Plug and Abandon

07-28-96

Talked to Mr. Bill Kraft with BLM on 7-26-96 at 9:30 a.m. about plugging well and again at 9:00 p.m. on 7-27-96. Mr. Kraft gave approval to proceed. MIRU Delsco Rig #3. RU HES. Retested 4-1/2" CIBP at 8100' to 500 psi. Tested 9-5/8" x 4-1/2" annulus to 200 psi. ND wellhead. NU BOP. POH laying down 2-3/8" tubing to 4050'. RU HES. Loaded hole with 3% KCl water. Broke circulation. HES mixed 20 sacks Class "H" neat cement at 16.4#/gal. Displaced cement with 3% KCl water. TOC at 3821'. RD HES. Finished POH with 2-3/8" tubing to 60' from surface. RU HES and broke circulation. Mixed 10 sacks Class "H" neat cement at 16.4#/gal. Circulated good cement to surface. RD HES. Laid down 2-3/8" tubing. RD Delsco Rig #3. RU welder and cut off 8-5/8" and 4-1/2" casings 3' below ground level. Welded on 9-5/8" plate with permanent monument. Covered up well and cleaned up location. Well P&A'd. FINAL REPORT!

Daily Cost \$7,970

Cost to Date 7,970

Loc 0490501

AFE Est. Cost \$13,000

KW



JOB LOG MAR-2013-C

CUSTOMER: MITCHELL WELL NO: 1-27-2-104 LEASE: PALKANOV FED JOB TYPE: 115 PTA DATE: 7/28/96 PAGE: 1
 TICKET NO: 128754

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							CALLED OUT
	0810							ON LOCATION
	0901	-	-					START PUMP KCL TO TEST 4 1/2 CS;
	0903	.75	.50				500	SHUT DOWN
	0904	-	-				500	END TEST (GOOD)
	0910	-	-					* HOOK UP & TEST 9 5/8 4 1/2 CSG.
	0910	.75	.50				200	START PUMP
	0911	-	-				200	SHUT DOWN
								END TEST (GOOD)
								* PULL UP HOLE W/186 TO 4059'
								* 20 SK PLUG 234'
	1203	-	-					START KCL
	1211	2.0	20.0				400	END KCL
	1211	2.0	0				400	START FRESH H ₂ O
	1213	2.0	4.4				400	END FRESH H ₂ O
	1213	-	-					START MIXING CEMENT @ 16.4 ^{SE}
H	1216	2.0	3.7				400	END CEMENT
	1216	2.0	0				400	START FRESH H ₂ O
	1217	2.0	1.5				400	END FRESH H ₂ O
	1217	2.0	0				400	START KCL
	1222	2.0	13.1				400	END KCL
	1222	-	-					SHUT DOWN
								P.O.D. H W/186 TO 60'
								* 10 SK PLUG @ SURFACE
	1501	-	-					START KCL
	1507	2.0	12				50	END KCL
	1507	2.0	0				50	START FRESH H ₂ O
	1508	2.0	2.0				50	END FRESH H ₂ O
	1508	2.0	0				50	START CEMENT @ 16.6 ^{SE}
	1509	2.0	1.3				50	SHUT DOWN
								P.O.D. H W/186 & TOP OFF Casing
	1100	-	-					END JOB
	1100							RELEASED FROM JOB
								THANK YOU FROM HULLCO CREW.