Bertal (Balling all all by the constraint and a section an		-	- the separate and the	militarius transcens			* * *		<del>100 -</del> 1 - c				
Form 3160-4 (October 1990)	UNITED STATES SUBMIT IN DUPLICATE. (Secother In							FOR APPROVED OMB NO. 1004-0137 Expires: December 31, 1991					
. •	DEPARTMENT OF THE INTERIOR STRUCTIONS OF BUREAU OF LAND MANAGEMENT							5. LEASE DESIGNATION AND SERIAL NO. NM-012202					
WELL CO	MPLETION O	r recompl	ETION R	EPORT A	NE	, roc	*	G. IF INDIAN	. ALLOT	TEE OR TRIBE NAME			
1a TYPE OF WELL: OII. CAR WELL WELL X DRY Other Coal Seam									EEMENT	BMAK			
b. TYPE OF COMPLETION:    NEW   WORK   DEEP   PLUS   DIFF.   Other Recompletion									8. FARM OR LEASE NAME, WELL N Bolack B LS #2				
AMOCO PRODUCTION COMPNAY Atten. J.L. Hampton  3. ADDRESS AND TELEPHONE NO.									9. API WELL NO. 30-045-06629				
P.O. BOX 800, Denver, CO 80201 830-5406									10. FIELD AND POOL, OR WILDCAT				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface 1650' FSL, 1650' FWL Unit "K"								Basin Fruitland Coal 11. BEC. T., R., N., ON BLOCK AND BURYET					
	erval reported below	.0 1112 011						Sec. 12, T27N-R8W					
At total depth													
nt total depos	total depts				DATE ISSUED			12. COUNTY OR PARISH		13. STATE			
15. DATE SPUDDED	16. DATE T.D. REAC	TED 17. PATE CON	IFL. (Ready to	prod.) 18.	ELEV.	ATIONS (DF	, RKB,	RT, GR, ETC.)*		LEY. CABINGHEAD			
5/21/55	5/30/55	S, ACK T.D., MD & TVD	/4/92	TIPLE COMPL.,		6659		ROTARY TO	) DLB	CABLE TOOLS			
3076'		999'	HOW M.	ANT*		DRILL	DO NY	Yes	1 25	NO . WAR DIRECTIONAL			
2799'-29		and Coal								NO			
26. TYPE ELECTRIC A	ND OTHER LOGS BUN								27. 🔻	AS WELL CORBD			
CNL, GR	, CCL	CARING	TWCODD / Per	art all atrings	net in	n spell)			L	No			
2R. CASING SIZE/GRAVE	WEIGHT, LB./FT.	DEPTH SET (N		ort all strings set in well) I.P. RIZE TOP OF CEMENT. C				EMENTING RECOR	<u> </u>	AMOUNT PULLED			
9 5/8"	25.4#	_  <del></del>	33			125 sx Reg		100		Ø			
5 1/2"	15.5#	3090'	2994	94 -			Z	150					
	_	_											
29.	LINE					30.		TUBING RECORD					
SIZE	TOP (ND) BO	TTOM (MD) BAC	KB CEMENT*	SCREEN (M	D)	SIZE	<del></del>  -	DEPTH SET (	MD)	PAGDER BUT (MD)			
	99	- A P 8 8	r a			2 3/8	<del>-</del>	2780 <b>'</b>	<del></del>	3			
31. PERFORATION RE	coan (Interiol.) gre	Frederick V	<u> </u>	32.	AC	ID. SHOT.	FRAC	TURE, CEMEN	T SQU	EEZE, ETC.			
DEPTH INTERVAL (MD) A								MOUNT AND KI	ND OE	MASSEIAL DEED			
See attachment JUN1 2 1992 See						e attachment			<u>□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ </u>				
OIL CON. DIV.									<u> </u>	<u> </u>			
	<b>V</b> 11	DIST. 3	/						32	CJ			
<b>73.</b> •				DICTION						a (Producing or			
DATE FIRST PRODUCT	PRODUCT	ION METHOD (Flow		umping—size	ana i	урсој рип	·p;	•	m(-in)	a (1700sting or			
10/8/91	HOURS TESTED	CHOKE SIZE	umping PROD'N. FOR TEST PERIOD	OIL-BBL.		GASNO	F.	SI WATER-B	DL.	GAS-OIL BATIO			
5/4/92	24	Open	<del></del>	ø_		60		ø_	1 50	BAYITT-API (CORR.)			
FLOW, TUBING PRESS.	CABING PREBEURE	CALCULATED 24-HOUR BATE	OHBBI	GAS-		١	WATU	кHBL.	""	sparities (CURE.)			
50 34. DISPOSITION OF	50 DAE (Bold, used for fu	el, vented, etc.)	Ø	!	60			TEST WITH					
	To Do Cold	3				4	٩CC	EPTED FO	OR R	FCOKD			

Staff Admin Fupr. Sr. TITLE

35. LIST OF ATTACHMENTS

		FORMATION	37. SUMMARY OF PORG drill-stem, tests, in recoveries):
		TOP	OUS ZONES: (S
		BOTTOM	Show all important zon nterval tested, cushic
		DESCRIPTION, CONTENTS,	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervers, and drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
	Fruitland Coal	N>ME	
	2741'	MEAS, DEPTH	GEOLOGIC MARKERS
		TRUE VERT. DEPTH	0

## PLUG OFF PICTURED CLIFFS:

RAN NDT/GR/CCI FROM 3050'-2700'. SET CMT RETAINER @ 3001'. LOAD HOLE WITH 10 BW. STRING INTO RETAINER. PUMP 50 SX CLASS B @ 2 BPM & 300 PSI.

## REMEDIAL CEMENT WORK PRIOR TO COMPLETION:

PRESSURE TESTED CASING TO 2000#, BLED OFF. ISOLATED LEAKS BETWEEN 109'-126'& 236'-237'. SET PACKER @ 362'. PUMP 150 SX CLASS B DOWN CASING @ 2BPM & 200 PSI. FLUSH WITH 3 BW @ .5 BPM & 500 PSI. DRILL CMT OUT. CLEANED OUT TO 2999'.

## PERFORATE FRUITLAND COAL:

2799'-2801' W/8 JSPF, .40 INCH DIAMETER, 16 SHOTS, OPEN 2825'-2828' W/8 JSPF, .40 INCH DIAMETER, 24 SHOTS, OPEN 2831'-2834' W/8 JSPF, .40 INCH DIAMETER, 24 SHOTS, OPEN 2860'-2880' W/8 JSPF, .40 INCH DIAMETER, 160 SHOTS, OPEN 2881'-2883' W/8 JSPF, .40 INCH DIAMETER, 24 SHOTS, OPEN 2978'-2998' W/8 JSPF, .40 INCH DIAMETER, 160 SHOTS, OPEN

## FRAC THE FRUITLAND COAL:

PUMP 3533 BBL SLICKWATER PAD WITH 1 GAL/1000 FRICTION REDUCER @ 80 BPM, PR 3000#. PUMP 415 BBL SLICK WATER IN 1 PPG STAGE WITH 20,000# 40/70 BRADY SAND @ 75 BPM, PR 2600#. PUMP 892 BBLS SLICK WATER IN 2 PPG STAGE WITH 70,600# 20/40 BRADY SAND. PKR FAILED. SWABBED WELL. BAILED SAND TOP PBTD.