Form 3160-4 (Novem er 1983) (formerly 9-330)		UNITED MENT OI REAU OF LAN	THE	INT	ERIOR	IN	OUPLICATE (See other struction reverse	ner tri-	5. LEASE DESI	Burea Augu	u No. 1004-0137 st 31, 1985
WELL CON	APLETION	OR RECON	APLETIC	ON RI	EPORT A	NE	LØG	*	G. IF INDIAN,	ALLOT	TEE OR TRIBE NAME
1a. TYPE OF WELL		CAS [V			ther	7.1	1/0:105		7. UNIT AGREE	MENT	NAME
b. TYPE OF COMP		W.C.I. 42		1 🗀 🕔			7		San Ju	ıan 3	31-6 Unit
NEW X	WORK DEE	b. Dack L	DIFF.	n. 🔲 ੂ c	ther	<u>/_</u>			S. FARM OR L	EASE P	AMB
2. NAME OF OPERATO					orana is o		THEATOU	- 33	San Ju	ian 3	31-6 Unit
		e Corporati	on	· · · · -				<u></u>			
3. ADDRESS OF UPER		reet - Farm	inaton	NM	87401				#230 10. FIELD AND	POOL,	OR WILDCAT
4. LOCATION OF WELL	(Report location	on clearly and in a FnL & 880	iccordance	with any		menti	s) •				itland Coal
At top prod. inte	rval reported be	low							0.1		
•	•								Sac 2	7Δ	T31N, R6W
At total depth			14. PER	MIT NO.	D	ATE I	ISSUED		12. COUNTY O		13. STATE
			1		-24556				Rio Ari	riba	New Mexico
15. DATE SPUDDED	16. DATE T.D. R	EACHED 17. DAT	E COMPL. (Ready to	prod.) 18.	ELEV	ATIONS (DF,	, якв, і	RT, GR, ETC.)*	19. E	LEV. CASINGHEAD
11-12-89	12-12-8	39	2-14-8			6.	33 <mark>3'</mark> KB				320' GR
20. TOTAL DEPTH, MD A		d, BACK T.D., MD ≜	TVD 22.	IF MULT			23. INTER DRILLI		ROTARY TOOL	.s 	CABLE TOOLS
3252 KB	323	35' KB	BOTTOM	NAME (M	N/A			<u> </u>	yes	25	. WAS DIRECTIONAL
3038'-31		COMPENSION—101	, 20110,2,		,						SURVEY MADE
26. TYPE ELECTRIC A		RUN							1	27. W	YES AS WELL CORED
= ::	GR GR/CCI		GR/Mi	crolod	1					a :	an 190 an or in
28.		· · · · · · · · · · · · · · · · · · ·			rt all strings	set ir	n well)		1012	6	Z V Z
CASINO SIZE	WEIGHT, LB.				E SIZE				RECORD		AMOUNT PULLED
9-5/8"	32.3#		.3'		-1/2"		120		- M/	AR1	9 1990
7"	23#	301	6'	8-	-3/4"		415	SX	011		NI 0301
	-			l ———					OIL	- U	AV. Lat Yal
29.		LINER RECORD)				30.		TUBING RECO	RDR	1. 3
81ZE	TOP (MD)	BOTTOM (MD)	SACKS CE	MENT*	SCREEN (ME)	SIZE		DEPTH SET (M	D)	PACKER SET (MD)
5-1/2"	2881'	3250'	50_	<u>s x</u>			2-7/8	3"- -	3209'		
31. PERFORATION REC	opp (Internal a	ire and number)			32.	1	TO CHOT	ED A C	TURE, CEMENT	T SOIT	EFZE ETC
51. PERFORATION REC	ORD (133007 000), 5	ize and manroe,			DEPTH INT				OUNT AND KIN		
3038'-31	98' 2 spf	(.54") tot	al 92	holes	3038'-		· · · · · · · · · · · · · · · · · · ·	SWE	w/ 1324	bb1:	s followed
	- 1							by	100,000 40/70 & 181,000		
								12/	'20 sand		
											
33.*	ION PROT	UCTION METHOD (Flowing, a		UCTION mping—size	and t	ype of pum	.p)	WELL	STATU	8 (Producing or
2-14-90	į	lowing, dur						•	ahu	t-in) Shu	t in
DATE OF TEST	HOURS TESTED		PROD'I	N. FOR PERIOD	OIL—BBL.	201	GAS-MC		WATER-BBI	"	UAS-OIL BATIO
PLOW. TUBING PRESS.	CASING PRESSU	RE CALCULATED		BBI	GAS-		,	WATER	MECCEPTED F	061806	AND TY-API (CORR.)
TSTM	TSTM	<u> </u>			17	TI	21		MAR	16	_1990
34. DISPOSITION OF G									24/		· · · · · · · · · · · · · · · · · · ·
Vented,		n pipeline	connec	cion					1//4		
Camant 8	. Casing R	eport and [eviati	on Rei	oort				Chief, Grass	ಜಾ ಚ	
36. I hereby certify	that the forego	ing and attached	information	n is comp	lete and corr	ect a	s determine	d from	Famington	ecord.	S uma Ama
		Hour							reagnamer.		3-8-90



MCL TITLE

SIGNED

Prod. Assistant

DATE

TOP	TRUE VERT. DEPTH			
£	MEAS, DEPTH			
	NAME			٠.
recoveries): FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.				
BOTTOM	I	2995' est 3252'		
TOP	73151 00+	2480' est 2995' est 3252'		1
FORMATION	Oic Alamo	Kirtland Fruitland TD	e second disconnection.	

Casing and Cementing Report (San Juan 31-6 Unit #230)

Hole Size 13-1/2"

9-5/8", 32.3#, H-40, ST&C Lonestar ERW. Set at 243' KB. Cemented w/ 120 sx (143 cu.ft.) C1 "B" w/ 3% CaCl and 1/4# cele-flake/sk. Pumped 50 sx (59 cu.ft.) C1 "B" w/ 3% CaCl down backside.

Hole Size 8-3/4"

7", 23#, K-55, LT&C, CF&I smls csg. Set at 3016' KB. Cemented w/ 340 sx (704 cu.ft.) Cl "B" 65/35 poz w/ 12% gel and 1/4# cele-flake/sk. Tailed w/ 75 sx (89 cu.ft.) Cl "B" w/ 1/4# cele-flake/sk.

Hole Size 6-1/4"

5-1/2", 15.5#, K-55, LT&C, CF&I smls w/ Brown left hand release liner hanger. Liner set at 3250' to 2881'. Cemented w/ 50 sx (73 cu.ft.) Cl "B" w/ 0.8% CFI.

Harmon Date

DEVIATION REPORT

WELL 230

UNIT LETTER

Α

ADDRESS 3539 E. 30th - Farmington, NM

SEC 27

T 31N

87401

R 6W

COMPANY Northwest Pipeline Corp.

LEASE San Juan 31-6 Unit

	Basin Fruitland Coal	COUNTY_	Rio Arriba
	1/2° - 243' 1/2° - 500' 3/4° - 998' 3/4° - 1529' 1/2° - 2063' 3/4° - 2568' 1° - 3020'		
	The second secon		
, ,			