FORM 3160-4 (July 1992)

UBMIT IN DUPLICATE*	FORM APPROVED
UBMIT IN DUPLICATE*	OMB NO. 1004-0137
	Expires: February 28

ns on	Expires:	February 28,	1995
	S TEACE D	SECIONIATION A	MD CCD

	UNIT								CICNIATION!	AND SERIAL NO.
Ε	EPARTMEN BUREAU OF				omo eco		se side)	MMNM		AND SERIAC NO.
WELL COM	PLETION O				OPT A	NDIO		6. IF INDIA	N, ALLOTTEE	OR TRIBE NAME
TYPE OF WORK	PLETION O		PLE HON		770 Fa	armingto	n Ni	J. UNIT AG	REEMENT NA	АМЕ
	OIL	GAS WELL	X DR	Y \ \	Other			ľ		
. TYPE OF WELL								8. FARM OF	LEASE NAM	ME, WELL NO.
NEW [ ] WOI	1					FEDERAL 29-10-31 #2				
WELL OVI	RA	BACK	RESVI	R	Other			9. API WEL		
G INTERESTS I	TD, c/o Sa	gle & Schwal	b Energy R	esourc	es			30-045		
ADDRESS AND TELEPHONE		200 (0	701 250 27	01					ND POOL OR Fruitland	
O Box 2677, Dura			70) 259-27	01						OCK AND SURVEY
Surface	•		,					OR AREA		
70' FSL, 1725' (S	-	129N-R10W						/SESIA	1 500 21	T20N D40M/
op prod. Interval reported below	N							SESV	) Sec 31	I-T29N-R10W
total depth		14, PERMIT	ΓNO.		DATE ISSUI	ED		12. COUNTY	OR PARISH	13. STATE
ame 2					10/23/9			San Ju		NM
DATE SPUDDED 16. DAT	E T.D. REACHED	17. DATE COMPL.	(Ready to prod.)	18.	ELEVATIONS	S (DF, RKB, RT,			era.	19. ELEV. CASINGHEA
TOTAL DEPTH, MD & TVD	21. PLUG BAC	K T.D., MD & TVD	22. IF MUIT	TIPLE COM	IPL.,	23. INTERVAL	GR 5	ARY TOOLS		CABLE TOOLS
			HOW M	IANY*	,	DRILLED B				1
		ib 1920'				>				
PRODUCING INTERVAL(S),	OF THIS COMPLETION-	-ТОР, ВОТТОМ, NAM	IE (MD AND TVD)	•						25. WAS DIRECTIONAL SURVEY MADE
ruitland Coal 182.	01.40001									No
	2-1002									
										1
										27. WAS WELL CORED NO
TYPE ELECTRIC AND OTHE	ER LOGS RUN	R/FT DEP	CASING REC				EMENT (	EMENTING F	RECORD	No
TYPE ELECTRIC AND OTH	ER LOGS RUN	B/FT. DEP	CASING REC		oort all strin LE SIZE		EMENT, (	CEMENTING F	RECORD	1
TYPE ELECTRIC AND OTHE	ER LOGS RUN	.B./FT. DEP					EMENT, C	CEMENTING F	RECORD	No
TYPE ELECTRIC AND OTHE	ER LOGS RUN	B/FT. DEP					EMENT, (	CEMENTING F	RECORD	No
TYPE ELECTRIC AND OTHE	ER LOGS RUN	B/FT. DEP					EMENT, (	CEMENTING F	RECORD	No
TYPE ELECTRIC AND OTHI  CASING SIZE/GRADE	WEIGHT, L	ER RECORD	TH SET (MD)	НО	LE SIZE	TOP OF C		TUBING RI	ECORD	No AMOUNT PULLED
TYPE ELECTRIC AND OTH	WEIGHT, L			НО		TOP OF C		TUBING RI DEPTH SET (I	ECORD MD)	No
TYPE ELECTRIC AND OTHI  CASING SIZE/GRADE	WEIGHT, L	ER RECORD	TH SET (MD)	НО	LE SIZE	TOP OF C		TUBING RI	ECORD MD)	No AMOUNT PULLED
TYPE ELECTRIC AND OTHE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD (	WEIGHT, L  LINE TOP (MD)	ER RECORD BOTTOM (MD)	TH SET (MD)  SACKS CEME	NT* SC	LE SIZE	30. SIZE 2-3/8"	1712;	TUBING RI DEPTH SET (I SN @ 1	ECORD MD) 1679'	NO  AMOUNT PULLED  PACKER SET (MD)  EEZE, ETC.
CASING SIZE/GRADE  SIZE  PERFORATION RECORD (TERVAL	WEIGHT, L  LINE TOP (MD)	ER RECORD BOTTOM (MD)	TH SET (MD)	NT* SC	LE SIZE	30. SIZE 2-3/8"	1712;	TUBING RI DEPTH SET (I SN @ 1	ECORD MD) 1679'	AMOUNT PULLED  PACKER SET (MD)
CASING SIZE/GRADE  SIZE  SIZE  PERFORATION RECORD ( TERVAL  W Perfs:	WEIGHT, L  LINE TOP (MD)  Interval, size and number)	ER RECORD BOTTOM (MD)	TH SET (MD)  SACKS CEME  NUMBE	NT* SC	LE SIZE	30. SIZE 2-3/8" ACID, SHOTERVAL (MD)	1712;	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM	ECORD  MD)  679'  IENT SQUE  D KIND OF N	PACKER SET (MD)  PEZE, ETC.  MATERIAL USED
CASING SIZE/GRADE  SIZE  SIZE  PERFORATION RECORD ( TERVAL  W Perfs:	WEIGHT, L  LINE TOP (MD)  Interval, size and number)	ER RECORD BOTTOM (MD)	TH SET (MD)  SACKS CEME  NUMBE	NT* SC  32. 17 17 18	CREEN (MD)  DEPTH INTE  747'-160  322'-160	30. SIZE 2-3/8" ACID, SHOTERVAL (MD) 8' 2'	1712; r, frac 1500 g	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM	ECORD  MD)  679'  IENT SQUE  D KIND OF N  HCL acid	PACKER SET (MD)
CASING SIZE/GRADE  SIZE  SIZE  PERFORATION RECORD ( TERVAL  W Perfs:	WEIGHT, L  LINE TOP (MD)  Interval, size and number)	ER RECORD BOTTOM (MD)	TH SET (MD)  SACKS CEME  NUMBE	NT* SC  32. 17 17 18	CREEN (MD)	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' 2'	1712, F, FRAC 1500 g 300 ga 200 ga	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM AMOUNT AN al 15% DI 15% DI H	ECORD  MD)  679'  HENT SQUE  D KIND OF N  HCL acid  ICl/iron co	PACKER SET (MD)  PACKER SET (MD)  EEZE, ETC.  MATERIAL USED  w/350, 7/8" 1.1baintrol  ntrol
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( TERVAL  W Perfs: 747'-1608', 4 spf,	WEIGHT, L  LINE TOP (MD)  Interval, size and number)	ER RECORD BOTTOM (MD)  SIZE asing All sho	SACKS CEME  NUMBE  ots fired.	NT* SC  32. 17 17 18	CREEN (MD)  DEPTH INTE  747'-160  322'-160	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' Frac w/	1712, F, FRAC 1500 g 300 ga 200 ga 1000 g	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM AMOUNT AN al 15% DI 15% DI H 15% DI H al 10% for	ECORD  MD)  1679'  HENT SQUE  D KIND OF N  HCL acid  ICl/iron co  ICl/iron co  mic acid w	PACKER SET (MD)
CASING SIZE/GRADE  SIZE  PERFORATION RECORD (TERVAL W. Perfs: 747'-1608', 4 spf,	LINE TOP (MD)  Interval, size and number	ER RECORD BOTTOM (MD)	SACKS CEME  NUMBE  ots fired.	NT* SC  32. 1  17  18  16	DEPTH INTE 947'-160 822'-160 618'-160	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' Frac w/	1712, F, FRAC 1500 g 300 ga 200 ga 1000 g	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM AMOUNT AN al 15% DI 15% DI H 15% DI H al 10% for	ECORD  MD)  679'  HENT SQUE  D KIND OF N  HCL acid  ICl/iron co  ICl/iron co  mic acid w  //sandwedge;	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( ITERVAL  EW Perfs: 747'-1608', 4 spf,  TE FIRST PRODUCTION /11/03	LINK TOP (MD)  Interval, size and number  120 degree photo Production Pumping	ER RECORD BOTTOM (MD)  SIZE asing All sho	SACKS CEME  NUMBE  ots fired.	NT* SC  32. 1  17  18  16	DEPTH INTE 947'-160 822'-160 618'-160	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' Frac w/	1712, F, FRAC 1500 g 300 ga 200 ga 1000 g	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM AMOUNT AN al 15% DI 15% DI H 15% DI H al 10% for	ECORD  MD)  679'  HENT SQUE  D KIND OF N  HCL acid  ICl/iron co  ICl/iron co  mic acid w  //sandwedge;	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( TERVAL by Perfs: 747'-1608', 4 spf,  * TE FIRST PRODUCTION 11/03	LINE TOP (MD)  Interval, size and number  120 degree pho	ER RECORD BOTTOM (MD)  SIZE asing All sho	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—size	NT* SC  32.  17 18 16 16	DEPTH INTE 947'-160 822'-160 618'-160	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' Frac w/	1712, F, FRAC 1500 g 300 ga 200 ga 1000 g	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM AMOUNT AN al 15% DI 15% DI H 15% DI H al 10% for	ECORD MD) 1679' HENT SQUE D KIND OF N HCL acid IC/iron co mic acid w //sandwedge; WELL STAT Produc	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( TERVAL  W Perfs: 747'-1608', 4 spf,  TE FIRST PRODUCTION (11/03) TE OF TEST	LINK TOP (MD)  Interval, size and number  120 degree photo Production Pumping	ER RECORD BOTTOM (MD)  SIZE asing All sho	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—siz	NT* SC  32.  17 18 16 16	DEPTH INTE 747'-160 822'-160 618'-160	30. SIZE 2-3/8"  ACID, SHO' ERVAL (MD)  8' 2' Frac W/ 20#	1712, F, FRAC 1500 g 300 ga 200 ga 1000 g	TUBING RI DEPTH SET (I SN @ 1 TURE, CEM AMOUNT AN al 15% DI H 115% DI H al 10% fon 0 frac fluid w	ECORD MD) 1679' HENT SQUE D KIND OF N HCL acid IC/iron co mic acid w //sandwedge; WELL STAT Produc	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( TTERVAL  EW Perfs: 747'-1608', 4 spf,  TE FIRST PRODUCTION (11/03) TE OF TEST	LINE TOP (MD)  Interval, size and number  120 degree pho PRODUCTION Pumping HOURS TESTED	PRODUCT METHOD (Flowing, g	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—size	NT* SC  32.  17 18 16 16	DEPTH INTE  747'-160  822'-160  618'-160  Fpump) BBLS.	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' 2' Frac w/ 20#	1712, F, FRAC 1500 g 300 ga 200 ga 1000 g	TUBING RI DEPTH SET (I SN @ 1  TURE, CEM AMOUNT AN al 15% DI H 115% DI H al 10% for 0 frac fluid w  WATER-BBI	ECORD  MD)  679'  IENT SQUE  D KIND OF N  HCL acid  ICl/iron co  ICl/iron co  mic acid we  /sandwedge;  WELL STAT  Produc	PACKER SET (MD)  PACKER SET (MD)  EEZE, ETC.  MATERIAL USED  W/350, 7/8" 1.1ball  ntrol  ntrol  //74,082 gal N2 25:  122,255# 20/40 Brady US (Producing or shut-in)
CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( TERVAL  W Perfs: 747'-1608', 4 spf,  * TE FIRST PRODUCTION 1/11/03 TE OF TEST 1/17/03 DW. TUBING PRESS.	LINE TOP (MD)  Interval, size and number  120 degree photo  PRODUCTION Pumping HOURS TESTED  24  CASING PRESSURE	PRODUCT METHOD (Flowing, g	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—siz.  PROD'N. FOR TEST PERIOD	NT* SC 32.  R 17 18 16 OIL	DEPTH INTE  747'-160  822'-160  618'-160  GASMCF	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' 2' Frac w/ 20#	1712; 1, FRAC 1500 g 300 ga 200 ga 1000 g Delta 14	TUBING RI DEPTH SET (I SN @ 1  TURE, CEM AMOUNT AN al 15% DI H 115% DI H al 10% for 0 frac fluid w  WATER-BBI	ECORD  MD)  679'  IENT SQUE  D KIND OF N  HCL acid  ICl/iron co  ICl/iron co  mic acid we  /sandwedge;  WELL STAT  Produc	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( ITERVAL  EW Perfs: 747'-1608', 4 spf,  TE FIRST PRODUCTION (11/03) TE OF TEST (17/03) DW. TUBING PRESS.  220	LINE TOP (MD)  Interval, size and number  120 degree photo  PRODUCTION Pumping HOURS TESTED  24  CASING PRESSURE  230	PRODUCT METHOD (Flowing, g	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—siz.  PROD'N. FOR TEST PERIOD	NT* SC  32.  17 18 16 16	DEPTH INTE  747'-160 322'-160 318'-160  Pump)BBLS.	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' 2' Frac w/ 20#	1712; 1, FRAC 1500 g 300 ga 200 ga 1000 g Delta 14	TUBING RI DEPTH SET (I SN @ 1  TURE, CEM AMOUNT AN al 15% DI H 115% DI H al 10% for 0 frac fluid w  WATER-BBI	GCORD MD) 679'  IENT SQUE D KIND OF M HCL acid ICl/iron co. ICl/iron co. mic acid w. //sandwedge; WELL STAT Produc	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( ITERVAL  EW Perfs: 747'-1608', 4 spf,  TE FIRST PRODUCTION (11/03) TE OF TEST (17/03) DW. TUBING PRESS.  220  DISPOSITION OF GAS (Sold, Sold)  Sold	LINE TOP (MD)  Interval, size and number  120 degree photo  PRODUCTION Pumping HOURS TESTED  24  CASING PRESSURE  230	PRODUCT METHOD (Flowing, g	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—siz.  PROD'N. FOR TEST PERIOD	NT* SC 32.  R 17 18 16 OIL	DEPTH INTE  747'-160  822'-160  618'-160  GASMCF	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' 2' Frac w/ 20#	1712; 1, FRAC 1500 g 300 ga 200 ga 1000 g Delta 14	TUBING RI DEPTH SET (I SN @ 1  TURE, CEM AMOUNT AN al 15% DI H 15% DI H al 10% fond 0 frac fluid w  WATER-BBI 20BBL.	GCORD MD) 679'  IENT SQUE D KIND OF M HCL acid ICl/iron co. ICl/iron co. mic acid w. //sandwedge; WELL STAT Produc	PACKER SET (MD)  PACKER
CASING SIZE/GRADE  CASING SIZE/GRADE  SIZE  PERFORATION RECORD ( ITERVAL  EW Perfs: 747'-1608', 4 spf,  THE FIRST PRODUCTION (11/03) THE OF TEST (17/03) DW. TUBING PRESS.  220  DISPOSITION OF GAS (Sold,	LINE TOP (MD)  Interval, size and number  120 degree photo  PRODUCTION Pumping HOURS TESTED  24  CASING PRESSURE  230	PRODUCT METHOD (Flowing, g	SACKS CEME  NUMBE  Ots fired.  TION as lift, pumping—siz.  PROD'N. FOR TEST PERIOD	NT* SC 32.  R 17 18 16 OIL	DEPTH INTE  747'-160  822'-160  618'-160  GASMCF	30. SIZE 2-3/8"  ACID, SHOTERVAL (MD)  8' 2' 2' Frac w/ 20#	1712; 1, FRAC 1500 g 300 ga 200 ga 1000 g Delta 14	TUBING RI DEPTH SET (I SN @ 1  TURE, CEM AMOUNT AN al 15% DI H 15% DI H al 10% fond 0 frac fluid w  WATER-BBI 20BBL.	GCORD MD) 679'  IENT SQUE D KIND OF N HCL acid ICl/iron co. ICl/iron co. mic acid w. //sandwedge; WELL STAT Produc	PACKER SET (MD)  PACKER

\*(See Instructions and Spaces for Additional Data on Reverse Side) ngly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statem