Form 3160-4 (November 1983) (formerly 9-330)

## UNITED STATES

SUBMIT IN DUPLICATE.

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Expires	August	31,	1985	

FARMINGTON DISTRICT OFFICE

		T14517 6		TEDIOD	(See	other in-		s maga	St 31, 1985
			F THE IN		stru- reve	ctions on use side)	5. LEASE DES	BIGNATIC	ON AND SERIAL NO.
	BU	REAU OF LA	ND MANAGEME	N C	o IS I W	IE II	SF <b>0</b> 79	162	
WELL CC	MPLETION	OR RECO	MPLETION	REPORT	ND LO	G*	B. IF INDIAN.	ALLOT	TEE OR TRIBE NAME
a. TYPE OF WE		GAS WELL	X DRY	Other _MA	v1 8 1993	3	7. UNIT AGRE	EMENT	NAME
b. TYPE OF COM				- MIN			ļ		
NEW X	OVER DE	EP- DIPG	DIFF. RESVR.	Othe	CON.	DIA	S. FARM OR I	LEASE N	AMB
. NAME OF OPERA	TOR				DIST. 3		MKL (	0	
	yfus Natur	al Gas Corp	oration				9. WELL NO.		
. ADDRESS OF OPE					077 701	27	42-6		· · · · · · · · · · · · · · · · · · ·
14000 Qua	il Springs	Parkway, S	Suite 600, 0	kla. City	OK /31	. 34	10. FIELD AN	•	
			accordance with an SE-NE) Sec.	6-T26N-R7	W		Basin 11. SEC., T., B OR AREA	Fruit	tland Coal
At top prod. in	iterval reported b	elow Same							
At total depth	Same						Sec 6-	T26N-	-R7W
			14. PERMIT NO	. Е	ATE ISSUED	-,	12. COUNTY O	) R	13. STATE
			30-039-25		11/13/92	2	Rio Arri		NM
. DATE SPUDDED	16. DATE T.D.	İ	TE COMPL. (Ready		ELEVATIONS (				LEV. CASINGHEAD
11/ <b>2</b> 9/92	12/2/9		/9/93	<u> </u>	)30.5 KB		.5 GL		017.5
TOTAL DEPTH, MD	1	JG, BACK T.D., MD 4	TVB 22. IF MU HOW M			TERVALS ILLED BY	ROTARY TOOL Surf to		CABLE TOOLS
2250		215'	P. BOTTOM, NAME (	NA		<u>→</u> '	Suri to		WAS DIRECTIONAL
PRODUCING INTE	ERVAL(S), OF THIS	COMPLETION—10	P, BOILOM, NAME (	AD AND IVD)				20.	SURVEY MADE
Fruitland	l Coal 1998	-2133'							No
	AND OTHER LOGS							27. ₩A	S WELL CORED
Spectral	Density Du	al Spaced l	Neutron, Dua	al Ind Gar	rd, Acous	stic C	ement Bon	d N	О
bpecerar	Deliest, Se		ING RECORD (Re					0	٥
CASINO SIZE	WEIGHT, LB.			OLE SIZE		MENTING		9	AMOUNT PULLED
8-5/8	24#	24:	2' 1	2-1/4	175 sx t	to sur	face	7	<b>A</b>
/-	15.5#	225	0'	7-7/8	350 sx to sur		rface 🐉		<u> </u>
5-1/2	1,0.01							=	<u> </u>
5-1/2				l	100 sx			<b>≲</b> . .	<b>2</b> BC
5-1/2	13.31				100 sx			FARMINGT	Z Z G
5-1/2	13.5%	LINER RECORI			30.		TUBING RECO	2	P 3V
5-1/2 81ZE	TOP (MD)		SACKS CEMENT*	SCREEN (MD	30. SIZE		TUBING RECO		PACKER SET (MD)
		LINER RECORI	1	SCREEN (MD	30.		TUBING RECO		P 3V
SIZE	TOP (MD)	LINER RECORI	1		30. SIZE 2-3/	/8	TUBING RECO DEPTH SET (M 2062 KB		PACKER SET (MD)  NA
SIZE PERFORATION RE	TOP (MD)	LINER RECORI BOTTOM (MD) ize and number)	SACKS CEMENT®	32.	30. SIZE 2-3/	/8	TUBING RECO DEPTH SET (M 2062 KB	SQUE	NA EZE, ETC.
SIZE PERFORATION RE	TOP (MD)  CORD (Interval, s Coal 2088	LINER RECORI BOTTOM (MD)  ize and number)  -2090 (8 he	sacks cement*	32.	30. SIZE 2-3/ ACID. SHOTERVAL (MD)	/8 r. fract	TUBING RECO DEPTH SET (M 2062 KB TURE, CEMENT TOURT AND KING	SQUE	PACKER SET (MD)  NA  EZE, ETC.  ATERIAL USED
SIZE PERFORATION RE	TOP (MD)  CORD (Interval, s Coal 2088	LINER RECORI BOTTOM (MD) ize and number)	sacks cement*	32.	30. SIZE 2-3/ ACID. SHOTERVAL (MD)	78 r. FRACT	TUBING RECO DEPTH SET (M 2062 KB TURE, CEMENT HOUNT AND KINE 22gals 700	SQUE SQUE N2	NA  EZE, ETC.  ATERIAL USED  foam, 5900#
SIZE PERFORATION RE	TOP (MD)  CORD (Interval, s Coal 2088	LINER RECORI BOTTOM (MD)  ize and number)  -2090 (8 he	sacks cement*	32.	30. SIZE 2-3/ ACID. SHOTERVAL (MD)	7. FRACT	TUBING RECO DEPTH SET (M 2062 KB TURE, CEMENT SOUNT AND KING 2021S 700 70 sand, 8	SQUE DOF NO NO NO 00,00	PACKER SET (MD)  NA  EZE, ETC.  ATERIAL USED
SIZE PERFORATION RE	TOP (MD)  CORD (Interval, s Coal 2088	LINER RECORI BOTTOM (MD)  ize and number)  -2090 (8 he	sacks cement*	32.	30. SIZE 2-3/ ACID. SHOTERVAL (MD)	7. FRACT	TUBING RECO DEPTH SET (M 2062 KB TURE, CEMENT HOUNT AND KINE 22gals 700	SQUE DOF NO NO NO 00,00	NA  EZE, ETC.  ATERIAL USED  foam, 5900#
PERFORATION REF	TOP (MD)  CORD (Interval, s Coal 2088	LINER RECORI BOTTOM (MD)  ize and number)  -2090 (8 he	oles)	32.	30. SIZE 2-3/ ACID. SHOTERVAL (MD)	7. FRACT	TUBING RECO DEPTH SET (M 2062 KB TURE, CEMENT GOUNT AND KINE 22 gals 700 70 sand, 8	SQUE SQUE N2 SQ,00	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand
PERFORATION REF	TOP (MD)  CORD (Interval, a)  Coal 2088  2111	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he) -2130 (76	oles)	S2.  DEPTH INTE  2088-2	30. SIZE 2-3/ ACID. SHOTERVAL (MD) 130	78 - 1978 40/7 534,	TUBING RECO DEPTH SET (M) 2062 KB TURE, CEMENT FOUNT AND KINE 2021S 700 0 sand, 8	STATUS	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or
PERFORATION REFUIT LAND	TOP (MD)  CORD (Interval, s Coal 2088 2111  FION PROD	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he -2130 (76)	sacks cement*  oles)  holes)  PRO  Flowing, gas lift, p	DUCTION DUMping—size a	30. SIZE 2-3/ ACID, SHOTERVAL (MD) 130	7. FRACT 1978 40/7 534,	TUBING RECO DEPTH BET (M 2062 KB TURE, CEMENT SOUNT AND KING 2021S 700 70 Sand, 8 000 SCF N	STATUS	NA  EZE. ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas li
PERFORATION RE Fruitland  Fruitland  Fruitland  79/93 FOR TEST	TOP (MD)  CORD (Interval, s Coal 2088 2111  COAL FROM F10 HOURS TESTED	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he -2130 (76)	sacks cement*  oles)  holes)  PRO  Flowing, gas lift, p	DUCTION  onl—BBL.	30. SIZE 2-3/ ACID, SHOTERVAL (MD) 130	7. FRACT 1978 40/7 534,	TUBING RECO DEPTH BET (M) 2062 KB  FURE, CEMENT GOUNT AND KING RECO O Sand, 8 000 SCF N  WELL Shut WATER—BBL	S SQUE OF MA No.	NA  EZE. ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas li
PERFORATION RE Fruitland  TR FIRST PRODUCT  3/9/93 TE OF TEST  4/4/93	TOP (MD)  CORD (Interval, s Coal 2088 2111  COAL PROD F10 HOURS TESTED 24 hrs	LINER RECORI BOTTOM (MD)  Lize and number) -2090 (8 he -2130 (76)  UCTION METHOD ( WING CHOKE BIZE 48/64	PROD'N. FOR TEST PERIOD	DUCTION  OIL—BBL.	30.   SIZE   2-3/   ACID, SHOTE   SHOT	78 T. FRACT 1978 40/7 534,	TUBING RECO	SQUE OF MAN (N) N2 (SO, 00) (2.	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas lines.)  NA
PERFORATION REF Fruitland  Fruitland  FR FIRST PRODUCT 3/9/93 FR OF TEST 4/4/93 W. TUBING PRESS.	TOP (MD)  CORD (Interval, s CORD 2088 2111  CORD PROD F10 HOURS TESTED 24 hrs	LINER RECORI BOTTOM (MD)  Lize and number) -2090 (8 he -2130 (76)  UCTION METHOD ( WING CHOKE BIZE 48/64	PROD'N. FOR TEST PERIOD	DUCTION  OIL—BBL.  O GAS—M	ACID. SHOTE ERVAL (MD)  130  ACID. SHOTE ERVAL (MD)  130  GAS—M  183	78  T. FRACT  1978  40/7  534,  mp)  ICF.	TUBING RECO DEPTH BET (M) 2062 KB  FURE, CEMENT GOUNT AND KINE 32 gals 700 0 sand, 8 000 SCF N  WELL Shut Shut WATER—BBL.	STATUS : in	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas lines of the particular of the partic
PERFORATION REFUIT AND THE PERSON TE OF TEST 4/4/93 W. TUBING PRESS. 126 psi	TOP (MD)  CORD (Interval, s Coal 2088 2111  TION PROD F10 HOURS TESTED 24 hrs CASING PRESSU 135 psi	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he -2130 (76)  UCTION METHOD ( WING CHOKE SIZE 48/64  CALCULATED 24-HOUR BAY	PROD'N. FOR TEST PERIOD  OIL.—BBL.  OIL.—BBL.	DUCTION  OIL—BBL.  O GAS—M	30.   SIZE   2-3/   ACID, SHOTE   SHOT	78 T. FRACT 1978 40/7 534,	TUBING RECO DEPTH SET (M) 2062 KB  TURE, CEMENT SOUNT AND KINE 32gals 70Q 70 sand, 8 7000 SCF N  WELL Shut WATER—BBL. 0	STATUS: in	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas 1:  AS-OIL RATIO  NA
PERFORATION RE Fruitland  Fruitland  Fruitland  Fruitland  Fruitland  4/9/93  For TEST  4/4/93  W. TUBING PRESS.  126 psi DISPOSITION OF G	TOP (MD)  CORD (Interval, s CORD 2088 2111  CORD PROD F10 HOURS TESTED 24 hrs	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he -2130 (76)  UCTION METHOD ( WING CHOKE SIZE 48/64  CALCULATED 24-HOUR BAY	PROD'N. FOR TEST PERIOD  OIL.—BBL.  OIL.—BBL.	DUCTION  OIL—BBL.  O GAS—M	ACID. SHOTE ERVAL (MD)  130  ACID. SHOTE ERVAL (MD)  130  GAS—M  183	78  T. FRACT  1978  40/7  534,  mp)  ICF.	TUBING RECO DEPTH BET (M) 2062 KB  TURE, CEMENT FOURT AND KINE SEGALS 700 70 sand, 8 000 SCF N  WELL Shut WATER—BBL. 0 TEST WITNES	STATUS OIL GRA	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas literation was approximately considered by the constant of
PERFORATION RE Fruitland  Fruitland  Fruitland  7/9/93 FOR TEST  4/4/93 W. TUBING PRESS.  126 psi	TOP (MD)  CORD (Interval, s CORD 2088 2111  FION PROD FIO HOURS TESTED 24 hrs CASING PRESSU 135 psi CAS (Sold, used for	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he -2130 (76)  UCTION METHOD ( WING CHOKE SIZE 48/64  CALCULATED 24-HOUR BAY	PROD'N. FOR TEST PERIOD  OIL.—BBL.  OIL.—BBL.	DUCTION  OIL—BBL.  O GAS—M	ACID. SHOTE ERVAL (MD)  130  ACID. SHOTE ERVAL (MD)  130  GAS—M  183	78  T. FRACT  1978  40/7  534,  mp)  ICF.	TUBING RECO DEPTH SET (M) 2062 KB  FURE, CEMENT GOUNT AND KINE CO SAND, 8 000 SCF N  WELL Shut Shut WATER—BBL. 0  TEST WITNES Gene Sin	STATUS STATUS OIL GEA	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas lines of the particular of the partic
PERFORATION RE Fruitland  Fruitland  Fruitland  Fruitland  A/9/93  FOR TEST  4/4/93  W. TUBING PRESS.  126 psi DISPOSITION OF G  Vented LIST OF ATTACH	TOP (MD)  CORD (Interval, s CORD 2088 2111  CORD FROD FIO HOURS TESTED 24 hrs CASING PRESSU 135 psi DAS (Sold, weed for	LINER RECORI BOTTOM (MD)  ize and number) -2090 (8 he -2130 (76)  UCTION METHOD ( WING CHOKE SIZE 48/64  RE   CALCULATED   24-HOUR RA'	PROD'N. FOR TEST PERIOD  OIL.—BBL.  OIL.—BBL.	DUCTION  onl—BBL.  O  GAS—M	30.   SIZE   2-3/    ACID, SHOTERVAL (MD)   130     GAS-M   183   10F.   183	78	TUBING RECO DEPTH BET (M) 2062 KB  TURE, CEMENT GOUNT AND KING REGION SOLUTION OF SOLUTION WELL AND SHUT WATER—BBL. O TEST WITNES GENE SING ACCEPTION	STATUS STATUS OIL GEA	NA  EZE, ETC.  ATERIAL USED  foam, 5900#  0# 20/40 sand  (Producing or wait on gas 1:  AS-OIL RATIO  NA  AVITY-API (CORE.)

TITLE Production Engineer

		ие Ертн	_												
P	TOP	TRUE VERT. DEPTH					····				 				
GEOLOGIC MARKERS	T	MEAS. DEPTH						•							•
GEOL		NAME													
38.			<del>-</del>					<u></u>	 <del></del>					-1	
and contents thereof; cored intervals; and all tool open, flowing and shut-in pressures, and															
d interval ut-in press	ETC.														
reof; core g and sh	f) : (peachiption, contents, etc.	<u>c.</u> 13													
tents ther nt, flowin	TION, CO														
and cont	{pescrip														
f porosity sed, time	į.														
t zones o ushion us						· · · · · · · · · · · · · · · · · · ·					 			· · · · ·	
importan lested, ci	воттом														
(Show all interval	BC					<del></del>		<del></del>	 <del></del>	•		· · · · · · · · · · · · · · · · · · ·			
SUMMARY OF POROUS ZONES: (Show all important zones of porosity drill-stem, tests, including depth interval tested, cushion used, time recoveries):	TOP	1486	1998	2134	2206										
POROUS s, includ			· · · · · · · · · · · · · · · · · · ·						 		 <del> </del>		···	<del></del>	
SUMMARY OF drill-stem, test recoveries):	FORMATION	þ	Fruitland Coal	Pictured Cliffs	hale										
37. SUMM drill-s recove	FOR	Kirtland	cuitle	ं icture	Lewis Shale										