Form 3160-4 \* (October 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*
(See other instructions on reverse side)

FOR APPROVED OMB NO. 1004-0137 Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO. NMSF-978885

		' VEC	CITIL L	ETION R			LOG	1 -	7	E OR TRIBE NAME	
VELL:	OIL	ш 📗	GAS WELL X	DRY C	Other	717	3 4 2 2 2 2	1	INCA PA	# NMNM 78	
OMPLETIO	N:							- 1	Canyon Larg	o Unit	
			PLUG BACK	DIFF. X	other [	DHC-1663/	N Francisco	8	FARM OR LEASE N	AME, WELL NO.	
		_					**************************************	444 j	Canyon Larg	o Unit #250E	
OPERATOR								9	9. API WELL NO.		
		SOIL &	GAS COM	PANY					30-039-25720		
						_		1	10. FIELD AND POOL, OR WILDCAT		
					Ctata m		<u> </u>	<del>-  </del> -	Otero Cha/Blanco MV/Basin DK  11. SEC., T., R., M., OR BLOCK AND SURVEY		
OF WELL			na m accord	ance with any .	state req	tunements,	A	`\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	OR AREA	R BLOCK AND SURVEY	
At top prod. interval reported below					SEP 2003						
oth			_						Sec. 1, T-25-N, R-6-W		
			1	I. PERMIT NO	). 	DATE ISSUE	D		PARISH	13. STATE	
DED 16	DATE T.D. REACH	ED.	17. DATE CC	MPL. (Ready to	prod.)	16.72	18 ELEVATIONS	(DETRIKE)		New Mexico  19. ELEV. CASINGHEAD	
"	2-5-98									LLLT. CASINGHEAD	
TH, MD &TVD		3, BACK T.		22. IF MULTIF			23. INTERVALS			CABLE TOOLS	
							5	lo-	7503'	1	
N INTERVAL	(S) OF THIS COME	PLETION-T	OP, BOTTOM,	NAME (MD AND					25. WAS DIREC		
8' Chacra	Cı	ommingl	ed w/Mesa	verde & Dako	ota				"		
26. TYPE ELECTRIC AND OTHER LOGS RUN CCL-GR								27	27. WAS WELL CORED No		
				CASING REC	ORD (Re	eport all strings	s set in well)				
GRADE	WEIGHT, LB./FT.	DEF	TH SET (MD	) HOLE SI	ZE	TOP OF CEN	MENT, CEMENTING	RECORD		MOUNT PULLED	
-50	23#		351'		12 1/4"   325 cu.ft. <i>β</i>						
5	11.6# & 10.5	#	7492'	61			<u>G</u>			· · · · · · · · · · · · · · · · · · ·	
				<del></del>	—	1553					
	LINER	RECOR	5	<del></del>	30.				TUBING RECORD		
TOP (MD)	BOTTOM (MD	SAC	SACKS CEMENT SCREEN (MD		(MD)			H SET (MD			
					2	2 3/8"	7242'				
	i			i i	Į.						
011 050000	the transfer of the second	1 PERFORATION RECORD (Interval, size and number)									
	•	number)		32.	III MITEDA		D, SHOT, FRAC		MENT SQUEEZE		
ON RECORD 6' w/25 hol	•	number)		DEPT	H INTER\	VAL (MD)		AMOUN	T AND KIND OF MATE	RIAL USED	
	•	number)				VAL (MD)	610 bbl 25# lir	AMOUN near gel,	1,275,700 SCF	RIAL USED	
	•	number)		DEPT		VAL (MD)		AMOUN near gel,	1,275,700 SCF	RIAL USED	
8' w/25 hol	es		AETER V.	3379-4008	8' PRO	VAL (MD)	610 bbl 25# lir 200,000# 20/4	AMOUN near gel,	T AND KIND OF MATE 1,275,700 SCF sd	rial used N2	
	es			3379-4008	8' PRO	VAL (MD)	610 bbl 25# lir 200,000# 20/4	AMOUN near gel,	T AND KIND OF MATE 1,275,700 SCF sd  WELL STATUS	RIAL USED	
8' w/25 hol	es	DUCTION	Flow E SIZE PI	DEPT 3379-4008  wing, gas lift, pump  ying ROD'N FOR	8' PRO	ODUCTION and type of pump	610 bbl 25# lir 200,000# 20/4	AMOUN near gel, i0 Brady	T AND KIND OF MATE 1,275,700 SCF sd	rial used N2	
8' w/25 hol	PROL	DUCTION	Flow E SIZE PI	DEPT 3379-4008	PRO	ODUCTION and type of pump	610 bbl 25# lir 200,000# 20/4	AMOUN near gel, 10 Brady	T AND KIND OF MATE 1,275,700 SCF Sd  WELL STATUS SI NATER-BBL	RIAL USED N2 (Producing or shut-in)	
8' w/25 hol	PROI OURS TESTED  1 ASING PRESSUR	CHOK 2" E CALCU	Flow E SIZE PI	DEPT 3379-4008  wing, gas lift, pump  ying ROD'N FOR	PRODING-size I	ODUCTION and type of pump	610 bbl 25# lir 200,000# 20/4 20/4 20/4 20/4 20/4 20/4 20/4 20/4	AMOUN near gel, 10 Brady	T AND KIND OF MATE 1,275,700 SCF Sd  WELL STATUS SI NATER-BBL	RIAL USED N2 (Producing or shut-in) GAS-OIL RATIO	
B' w/25 hol	PROLOURS TESTED  1 ASING PRESSURI	CHOKI  CHOKI  2"  E CALCU  24-HO	Flow E SIZE PI TE ULATED UR RATE	DEPT 3379-4008 3379-4008 ving, gas lift, pump ving ROD'N FOR EST PERIOD	PRODING-size I	VAL (MD)  DUCTION  and type of pump	610 bbl 25# lir 200,000# 20/4 20/4 20/4 20/4 20/4 20/4 20/4 20/4	AMOUN near gel, 10 Brady	T AND KIND OF MATE  1,275,700 SCF  sd  WELL STATUS  SI  WATER-BBL	(Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
B' w/25 hol	PROL OURS TESTED  1 ASING PRESSUR SI 270 Id, used for fuel, ye	CHOKI  CHOKI  2"  E CALCU  24-HO	Flow E SIZE PI TE ULATED UR RATE	DEPT 3379-4008 3379-4008 ving, gas lift, pump ving ROD'N FOR EST PERIOD	PRODING-size I	ODUCTION and type of pump	610 bbl 25# lir 200,000# 20/4 20/4 20/4 20/4 20/4 20/4 20/4 20/4	AMOUN near gel, 10 Brady	T AND KIND OF MATE 1,275,700 SCF Sd  WELL STATUS SI NATER-BBL	(Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
B' w/25 hol	PROLOURS TESTED  1 ASING PRESSUR: SI 270 Id, used for fuel, yes	CHOKI  CHOKI  2"  E CALCU  24-HO	Flow E SIZE PI TE ULATED UR RATE	DEPT 3379-4008 3379-4008 ving, gas lift, pump ving ROD'N FOR EST PERIOD	PRODING-size I	ODUCTION and type of pump	610 bbl 25# lir 200,000# 20/4 20/4 20/4 20/4 20/4 20/4 20/4 20/4	AMOUN near gel, 10 Brady	T AND KIND OF MATE  1,275,700 SCF  sd  WELL STATUS  SI  WATER-BBL	Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
DUCTION  RESS. C  NOF GAS (SO	PROI OURS TESTED  1 ASING PRESSUR SI 270 10, used for fuel, ve To be sold None	CHOKING CHOKIN	Flow E SIZE PI TE ULATED UUR RATE	DEPT 3379-4008 3379-4008 wing, gas lift, pump ring ROD'N FOR EST PERIOD OIL-BBL	PRODUNG—SIZE A	ODUCTION and type of pump  GAS-MCF	610 bbl 25# lir 200,000# 20/4 20,000# 20/4 0) GAS-MCF 125 MCF/D Pi	AMOUN near gel, 10 Brady	T AND KIND OF MATE  1,275,700 SCF  sd  WELL STATUS  SI  WATER-BBL	Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
DUCTION  RESS. C  NOF GAS (SO	PROLOURS TESTED  1 ASING PRESSUR: SI 270 Id, used for fuel, yes	CHOKING CHOKIN	Flow E SIZE PI TE ULATED UUR RATE	DEPT 3379-4008 3379-4008 wing, gas lift, pump ring ROD'N FOR EST PERIOD OIL-BBL	PRODUNG—SIZE A	ODUCTION and type of pump  GAS-MCF	610 bbl 25# lir 200,000# 20/4 20,000# 20/4 0) GAS-MCF 125 MCF/D Pi	AMOUN near gel, 10 Brady	T AND KIND OF MATE  1,275,700 SCF  sd  WELL STATUS  SI  WATER-BBL	Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
	DPERATOR LINGTON AND TELEF BOX 4289, F OF WELL ( . interval rep th  DED 16. I TH, MD & TVD  N INTERVAL ( B' Chacra RIC AND OTH	DEPERATOR LINGTON RESOURCES AND TELEPHONE NO. Sox 4289, Farmington, N OF WELL (Report location 1155'FSL, 11 . interval reported below th  DED 16. DATE T.D. REACH 2-5-98 H. MD &TVD 21. PLUC N INTERVAL (S) OF THIS COME B' Chacra Co RIC AND OTHER LOGS RUN  GRADE WEIGHT, LB./FT. 23# 11.6# & 10.54	WELL WORK OVER DEEP- OVERATOR  LINGTON RESOURCES OIL & CAND TELEPHONE NO. BOX 4289, Farmington, NM 87498 OF WELL (Report location clearly at 1155'FSL, 1130'FEL  interval reported below with  DED 16. DATE T.D. REACHED 2-5-98 H. MD &TVD 21. PLUG, BACK T.I.  N INTERVAL (S) OF THIS COMPLETION-TO BY Chacra Commingly RIC AND OTHER LOGS RUN  GRADE WEIGHT, LB./FT. DEF	NEW WELL OVER DEEP DEEP DEEP BACK OVER WELL OVER DEEP BACK DEEP BA	NEW WELL OVER DEEP DEEP BACK DIFF. RESVR COPERATOR  LINGTON RESOURCES OIL & GAS COMPANY  AND TELEPHONE NO.  30x 4289, Farmington, NM 87499 (505) 326-9700  OF WELL (Report location clearly and in accordance with any 1155'FSL, 1130'FEL  interval reported below  th  14. PERMIT NO.  2-5-98 8-18-03  H. MD &TVD 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIF  N INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND RIC AND OTHER LOGS RUN  CASING RECORD  CASING RECORD  LINER RECORD	NEW WELL OVER DEEP BACK DIFF. RESVR COMPANY  OVER DEEP BACK DIFF. RESVR COMPANY  DEEP BACK DIFF. RESVR COMPANY  AND TELEPHONE NO.  SOX 4289, Farmington, NM 87499 (505) 326-9700  OF WELL (Report location clearly and in accordance with any State reconstruction clearly and in accordance with any State reconstruc	NEW WELL OVER DEEP BACK DIFF. RESVR X Other DHC-1663/ DPERATOR LINGTON RESOURCES OIL & GAS COMPANY AND TELEPHONE NO. BOX 4289, Farmington, NM 87499 (505) 326-9700  OF WELL (Report location clearly and in accordance with any State requirements)*  1155'FSL, 1130'FEL  Interval reported below  Ith  14. PERMIT NO. DATE ISSUE  DED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)  2-5-98  H. MD &TVD 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL., HOW MANY*  3  NINTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  B' Chacra Commingled w/Mesaverde & Dakota  RIC AND OTHER LOGS RUN  CASING RECORD (Report all strings)  GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEN  5 0 23# 351' 12 1/4" 325 Cu.ft. (5.5.5.3)  LINER RECORD 30.	NEW WELL OVER DEEP PLUS BACK NOTES OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  BY CHARLES OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  CASING RECORD (Report all strings set in well)  CASING RECORD (Report all strings set in well)	COMPLETION:   WORK	Camyon Larg   S. FARM OR LEASEN   DHC-1663A   S. FARM OR LEASEN   S. FARM OR LEASEN	

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SEP 0 3 2003

AMANINGTON NELD OFFICE

37. SUMMARY OF POROUS ZONES: (Show all important sones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

FORMATION	ТОР	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	ТОР		
					MEAS. DEPTH	TRUE VERT, DEPTH	
احا		i	1			$\frac{1}{d^2} \frac{\mathcal{F}_{i,j}}{d^2}$	
Ojo Alamo	2250'	2462'	White, cr-gr ss.			•	
Kirtland	2462	2769'	Gry sh interbedded w/tight, gry, fine-gr ss.			•	
Fruitland	2769'	2870'	Dk gry-gry carb sh, coal, grn silts, light-	Ojo Alamo	2250'	10 de 1	
			med gry, tight, fine gr ss.	Kirtland	2462'		
				Fruitland	2769'		
Pictured Cliffs	2870'	3122'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2870'		
wis	3122 <b>′</b>	3740'	Shale w/siltstone stringers	Lewis	3122′	• •	
new15	JILL	3740	bhaic w/biicotone ottingers	Chacra	3740 <b>′</b>		
Chacra	3740*	4508'	Gry fn grn silty, glauconitic sd stone	Cliff House	4508'		
			w/drk gry shale	Menefee	45571		
Cliff House 4	4508'	4557'	ss. Gry, fin <b>e-grn,</b> de <b>nse sil ss</b> .	Pt.Lookout	5132'		
				Mancos	5632'		
	4557 •	5132'	Med-dark gry, fine gr ss, carb sh & coal	Gallup	6246'		
				Greenhorn	7030'		
Foint Lookout	5132'	5632	Med-light gry, very fine gr ss w/frequent	<b>C</b>	31034		
			sh breaks in lower part of formation	Graneros Dakota	7107 <b>'</b> 7240 <b>'</b>		
Мацсов	5632'	6246'	Dark gry carb sh.	Dakoca	7240		
Gallup	6246'	7030'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh				
enhorn	7030'	7107	Highly calc gry sh w/thin lmst.				
Graner <b>os</b>	7107'	7240'	Dk gry shale, fossil & carb w/pyrite include.				
Dakota	7240'	7503'	Lt to dk gry foss carb sl calc sl silty				
			ss w/pyrite incl thin sh bands clay & shale break	s			
		1			_	* * _	
			·		1		