RECEIVED

Form 3160-4 (October 1990)

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

SUBMIT IN DUPLICATE*

(See other In-

FOR APPROVED 2 2000

OMB NO. 1004-0137
Duleau Of Lang Management
Expires (Pecember 31, 1991)

5. LEASE DESIGNATION AND SERIAL NO. 10 Office

									F-077922	
/ELL C	OMP	LETION OR	REC	OMPLE	ETION REP	ORT AND	LOG*	6. IF IN	DIAN, ALLOTTI	EE OR TRIBE NAME
a TYPE OF	WELL:	OIL WELL	G.	AS VELL X	DRY Other					
- - -	- 001101 -		Ш "	,ecc	IJ			7. UNIT	AGREEMENT	NAME
b. TYPE OF			. 🗀 рі	LUG 🗍	DIFF.			8 EADA	AOR LEADE N	IAME, WELL NO.
	WELL	OVER EN	<u> </u>	ACK	RESVR			1 .		
. NAME OF	E OBEDAT	TOP.							IcGrath C	<u> </u>
		TON RESOURC	ES OII	& GAS	COMPANY			1	0-045-089	245
		LEPHONE NO.		- 0 0/10						, OR WILDCAT
		89, Farmington, N						E	Basin FC/I	Elleher-Kutz P6
LOCATIO	ON OF WE	LL (Report location cl	early and	l in accorda	nce with any State	requirements)*				R BLOCK AND SURVEY
At surface	e L	Init P (SESE) 870'	FSL, 11	190' FEL				1	AREA	
			0	h.				"	iec. 34 13	ON R12W, NMPM
At top pro	od. interva	l reported below	Samo	e as abo	ove					RCVD JAN 15'09
At total de	epth S	Same as above	:					ļ		OIL CONS. DIV.
				14	. PERMIT NO.	DATE ISSUI	D	1	JNTY OR	13 STATE
				1					RISH	New Mexico
5. DATE SPU	JDDED 1	6. DATE T.D. REACHE	D 1	7 DATE CO	MPL. (Ready to prod.)	18 ELEVATIONS (DF,	RKB, RT, BR	i <mark>an Juan</mark> , etc.)*	19. ELEV. CASINGHEAD
	7/63	2/18/08		1/7/0			GL 5774	KB		
0. TOTAL DE	PTH, MD &	TVD 21. PLUG,	BACK T.D.	., MD &TVD	22. IF MULTIPLE C		23. INTERVALS DRILLED BY	ROTARY	rools	CABLE TOOLS
	6637'		2240'		1			yes		I
		VAL (S) OF THIS COMPL		OP, BOTTOM,	NAME (MD AND TVD)*			5. WAS DIREC	
Raein I	Friutlan	d Coal 1582' - 18	REG!					{	SURVEY M	IADE No
		OTHER LOGS RUN	000		<u> </u>			27. WAS	WELL CORED	
	CD/C	OL /OBI						1		
	un/c	CL/CBL						1		No
3.	Un/C	CL/CBL			CASING RECORD	(Report all string	s set in well)			No
CASING SIZE		WEIGHT, LB./FT.		H SET (MD)	HOLE SIZE	TOP OF CE	MENT, CEMENTING REC	CORD	A	NO AMOUNT PULLED
CASING SIZE		WEIGHT, LB./FT. 24# J-55	3	H SET (MD)	HOLE SIZE	TOP OF CE	MENT, CEMENTING REC	CORD	A	
CASING SIZE		WEIGHT, LB./FT.	3	H SET (MD)	HOLE SIZE	TOP OF CE	MENT, CEMENTING REC	CORD	Α	
CASING SIZE 5/ %" 4 1/2"	E/GRADE	WEIGHT, LB./FT. 24# J-55 9.5# J-55	3 6 RECORD	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / L // ₄ 7 7/8"	TOP OF CE surface; 225 925 sx 30.	MENT, CEMENTING REC	TUB	ING RECOR	AMOUNT PULLED
CASING SIZE 5/ %" 4 1/2"		WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F	3 6 RECORD	H SET (MD) 323' 3637'	HOLE SIZE	TOP OF CE surface; 225 925 sx	MENT, CEMENTING REC	TUB	ING RECOR	AMOUNT PULLED
CASING SIZE 5/ 3" 4 1/2"	E/GRADE	WEIGHT, LB./FT. 24# J-55 9.5# J-55	3 6 RECORD	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / L // 7 7/8"	TOP OF CE surface; 225 925 sx 30.	MENT, CEMENTING REC	TUB	ING RECOR	AMOUNT PULLED
CASING SIZE / Z" 4 1/2" SIZE	E/GRADE TOP (MI	WEIGHT, LB./FT. 24# J-55 9.5# J-55	3 6 RECORD SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / L // 7 7/8"	TOP OF CE surface; 225 925 sx 30. SIZE	MENT, CEMENTING REC	TUB f (MD)	ING RECOR	MOUNT PULLED D PACKER SET (MD)
CASING SIZE 4 1/2" SIZE	TOP (MI	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and no.	3 6 RECORD SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / 1 /4 7 7/8" SCREEN (MD)	TOP OF CE surface; 225 925 sx 30. SIZE	DEPTH SE NA. SHOT, FRACTUR ACIDIZE pumped	TUB T (MD) E, CEMEN 12 bbls 1	ING RECOR P T SQUEEZE 0% Formic	D PACKER SET (MD) ETC. ACId, start 43
CASING SIZE 5/ X" 4 1/2" 9 SIZE PERFORA 3SPF 82' - 1584	TOP (MI	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and no.	3 6 RECORD SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / 1/4 7 7/8" SCREEN (MD) 32.	TOP OF CE surface; 225 925 sx 30. SIZE	DEPTH SE NA. SHOT, FRACTUR ACIDIZE pumped	TUB T (MD) E, CEMEN 12 bbls 1	ING RECOR P T SQUEEZE 0% Formic	MOUNT PULLED D PACKER SET (MD)
CASING SIZE 5/ %" 4 1/2" 9 SIZE PERFORA 3SPF 82' - 1584 906' - 1808	TOP (MI	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and no.	3 6 RECORD SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / 1/4 7 7/8" SCREEN (MD) 32.	TOP OF CE surface; 225 925 sx 30. SIZE	DEPTH SE NA. SHOT, FRACTUR ACIDIZE pumped	TUB T (MD) E, CEMEN 12 bbls 1	ING RECOR P T SQUEEZE 0% Formic	D PACKER SET (MD) ETC. ACId, start 43
CASING SIZE 6/ Z" 4 1/2" 9 SIZE PERFORA 3SPF 82' - 1584 606' - 1808 2SPF 648' - 1654	TOP (M)	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and no.	3 6 6 SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / 1/4 7 7/8" SCREEN (MD) 32.	TOP OF CE surface; 225 925 sx 30. SIZE	DEPTH SE NA. SHOT, FRACTUR ACIDIZE pumped	TUB T (MD) E, CEMEN 12 bbls 1	ING RECOR P T SQUEEZE 0% Formic	D PACKER SET (MD) ETC. ACId, start 43
A 1/2" 4 1/2" 4 1/2" SIZE PERFORA 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 22' - 1729	TOP (MI TOP (MI TION RECO 1 = 6 hole 1' = 6 hole 1' = 12 1' = 14	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers e 1852' - 1866' =	3 6 6 SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / 1/4 7 7/8" SCREEN (MD) 32.	TOP OF CE surface; 225 925 sx 30. SIZE	DEPTH SE NA. SHOT, FRACTUR ACIDIZE pumped	TUB T (MD) E, CEMEN 12 bbls 1	ING RECOR P T SQUEEZE 0% Formic	D PACKER SET (MD) ETC. ACId, start 43
PERFORA 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 22' - 1729 78' - 1786	TOP (MI TOP (MI TION RECO 1 = 6 hole 1' = 6 hole 1' = 12 1' = 14	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and nu	3 6 6 SACK	'H SET (MD) 323' 6637'	HOLE SIZE 8-3/4" / L /4 7 7/8" SCREEN (MD) 32. 1582' - 1866'	TOP OF CE surface; 225 925 sx 30. SIZE	DEPTH SE NA. SHOT, FRACTUR ACIDIZE pumped	TUB T (MD) E, CEMEN 12 bbls 1	ING RECOR P T SQUEEZE 0% Formic	D PACKER SET (MD) ETC. ACId, start 43
CASING SIZE 7 4 1/2" 9 SIZE PERFORA 3SPF 682' - 1584 82SPF 48' - 1654 722' - 1729 778' - 1786	TOP (MI TOP) (MI TION RECO 1 = 6 hole 3' = 6 hole 1' = 12 2' = 14 5' = 16	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and nucles 1852' - 1866' = Total Holes =	3 6 6 RECORD SACK	H SET (MD) 323' 3637' KS CEMENT*	HOLE SIZE 8-3/4" / L /4 7 7/8" SCREEN (MD) 32. 1582' - 1866'	TOP OF CE Surface; 225 925 sx 30. SIZE AC	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr	TUB r (MD) E, CEMEN 12 bbls 1 e-Pad, pt	ING RECOR P T SQUEEZE 0% Formic Imped 27 t	D PACKER SET (MD) ETC. ACId, start 43
9 SIZE PERFORA: 3SPF 682' - 1584 606' - 1808 2SPF 648' - 1654 722' - 1729 722' - 1729 733 TE FIRST PR	TOP (MI TOP (MI TOP (MI TOP (MI 1 = 6 hole 3' = 6 hole 2' = 14 6' = 16 RODUCTION	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers 1852' - 1866' = Total Holes =	3 6 6 SACK SACK Imber) 28 29 20 20 20 20 20 20 20 20 20	H SET (MD) 323' 6637' (S CEMENT*	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866'	TOP OF CE Surface; 225 925 sx 30. SIZE AC	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr	TUB r (MD) E, CEMEN 12 bbjs 1 e-Pad, pt	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) , ETC. D Acid, start 43 Dbls 20# Gel water (Producing or shut-in)
CASING SIZE 6/ Z" 4 1/2" 9 SIZE PERFORA 3SPF 82' - 1584 906' - 1808 2SPF 48' - 1654 722' - 1729 73. TIE FIRST PR	TOP (MI TOP (MI TOP (MI TOP (MI 1 = 6 hole 3' = 6 hole 2' = 14 6' = 16 RODUCTION	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and nucles 1852' - 1866' = Total Holes =	3 6 6 RECORD SACK	H SET (MD) 323' 5637' (S CEMENT*	HOLE SIZE 8-3/4" / L /4 7 7/8" SCREEN (MD) 32. 1582' - 1866'	TOP OF CE Surface; 225 925 sx 30. SIZE AC	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr	TUB r (MD) E, CEMEN 12 bbls 1 e-Pad, pt	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	D PACKER SET (MD) ETC. Acid, start 43 obis 20# Gel water
PERFORA 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 22' - 1729 78' - 1786 3. TE FIRST PR	TOP (MI ATION RECO 1 = 6 hole 2' = 14 5' = 16 RODUCTION	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers 1852' - 1866' = Total Holes =	3 6 6 SACK SACK Imber) 28 29 20 20 20 20 20 20 20 20 20	H SET (MD) 323' 6637' (S CEMENT*	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866' wing, gas lift, pumping- ROD'N FOR OIL-	TOP OF CE Surface; 225 925 sx 30. SIZE AC	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr	TUB r (MD) E, CEMEN 12 bbjs 1 e-Pad, pt	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) , ETC. D Acid, start 43 Dbls 20# Gel water (Producing or shut-in)
PERFORA' 3SPF 82' - 1584 906' - 1808 2SPF 48' - 1654 22' - 1729 778' - 1786 3. TE FIRST PR	TOP (MI ATION RECO 1 = 6 hole 3' = 6 hole 1' = 12 2' = 14 6' = 16 RODUCTION	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers 1852' - 1866' = Total Holes = PRODU	3 6 6 8 8 8 2 JCTION MI	ETHOD (Flov SIZE PR TE LATED	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866' wing, gas lift, pumping- ROD'N FOR OIL-	TOP OF CE Surface; 225 925 sx 30. SIZE AC	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbis X-Linked Pr GAS-MCF	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) , ETC. D Acid, start 43 Dbls 20# Gel water (Producing or shut-in)
PERFORA' 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 22' - 1729 78' - 1786 3. TE FIRST PRI TE OF TEST	TOP (MI ATION RECO 1 = 6 hole 3' = 6 hole 1' = 12 2' = 14 6' = 16 RODUCTION	WEIGHT, LB/FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers e 1852' - 1866' = Total Holes = HOURS TESTED 2 CASING PRESSURE	3 6 6 8 8 8 2 JCTION MI	H SET (MD) 323' 5637' KS CEMENT* SIZE PF TE 2"	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866' Fing, gas lift, pumping- ROD'N FOR ST PERIOD	TOP OF CE Surface; 225 925 sx 30. SIZE AC AC PRODUCTION Size and type of pur BBL. GAS-MCF	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbis X-Linked Pr GAS-MCF no flow	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D ACKER SET (MD) ETC. Acid, start 43 obls 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)
PERFORA 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 '22' - 1729 '78' - 1786 3. TE FIRST PROTECTION OW, TUBING	TOP (MI LITION RECO 1 = 6 hole 3' = 6 hole 3' = 14 5' = 16 RODUCTION 08 PRESS	WEIGHT, LB./FT. 24# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and number of the size of the si	3 6 6 RECORD SACK SACK SACK SACK CHOKE 1/2 CALCUI 24-HOU	ETHOD (Flow E SIZE PR TE LATED JR RATE	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866' Fing, gas lift, pumping- ROD'N FOR ST PERIOD	TOP OF CE Surface; 225 925 sx 30. SIZE AC PRODUCTION Size and type of pur	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbis X-Linked Pr GAS-MCF no flow	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) ETC. PACID, START 43 Dils 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR) D PACKER SET (MD)
PERFORA 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 '22' - 1729 '78' - 1786 3. TE FIRST PROTECTION OW, TUBING	TOP (MI LITION RECO 1 = 6 hole 3' = 6 hole 3' = 14 5' = 16 RODUCTION 08 PRESS	WEIGHT, LB/FT. 24# J-55 9.5# J-55 9.5# J-55 LINER F DRD (Interval, size and numbers 1852' - 1866' = Total Holes = PRODU CASING PRESSURE SI 2#	3 6 6 8 8 8 2 JCTION MI CHOKE 1/2 CALCUI 24-HOU 21-10, etc.)	ETHOD (Flow E SIZE PR TE LATED JR RATE	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866' Fing, gas lift, pumping- ROD'N FOR ST PERIOD	TOP OF CE Surface; 225 925 sx 30. SIZE AC AC PRODUCTION Size and type of pur BBL. GAS-MCF	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbis X-Linked Pr GAS-MCF no flow	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D ACKER SET (MD) ETC. Acid, start 43 obls 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)
CASING SIZE 5/ 3/" 4 1/2" 9 SIZE PERFORA 3SPF 682' - 1584 106' - 1808 2SPF 44' - 1654 722' - 1729 778' - 1786 3. TE FIRST PR 12/23/0 OW. TUBING 34. DISPOSITI	TOP (MI TOP	WEIGHT, LB/FT. 24# J-55 9.5# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and nucles 1852' - 1866' = Total Holes = V PRODU LONG PRESSURE SI 2# S (Sold, used for fuel, ver N/A - No GA	3 6 6 RECORD SACK SACK SACK SACK CHOKE 1/2 CALCUI 24-HOU 1, 1/2 S	H SET (MD) 323' 5637' (S CEMENT' SIZE PF TE 2" LATED JR RATE	HOLE SIZE 8-3/4" / L / 4 7 7/8" SCREEN (MD) 32. 1582' - 1866' Fing, gas lift, pumping- ROD'N FOR ST PERIOD OIL-BBL	TOP OF CE surface; 225 925 sx 30. SIZE AC PRODUCTION Size and type of pur BBL GAS-MCF	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr GAS-MCF no flow WATER-	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) ETC. PACID, START 43 Dils 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR) D PACKER SET (MD)
CASING SIZE 5/ 3/" 4 1/2" 9 SIZE PERFORA 3SPF 682' - 1584 106' - 1808 2SPF 448' - 1654 722' - 1729 TE FIRST PR TE OF TEST 12/23/0 OW. TUBING 34. DISPOSITI	TOP (MI TOP	WEIGHT, LB/FT. 24# J-55 9.5# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers 1852' - 1866' = Total Holes = V PRODU LOURS TESTED 2 CASING PRESSURE SI 2# S (Sold, used for fuel, ver. N/A - No GA NTS FC non-productive	3 6 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	ETHOD (Flow SIZE PR TE LATED are to P &	HOLE SIZE 8-3/4" / L // 7 7/8" SCREEN (MD) 32. 1582' - 1866' Fing, gas lift, pumping- ROD'N FOR OIL-BBL A well as soon a	TOP OF CE Surface; 225 925 sx 30. SIZE AC PRODUCTION Size and type of pur BBL. GAS-MCF no flow as approval rec	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr GAS-MCF no flow WATER	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) ETC. PACID, START 43 Dils 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR) D PACKER SET (MD)
CASING SIZE 5/ 3/" 4 1/2" 9 SIZE PERFORA 3SPF 682' - 1584 106' - 1808 2SPF 448' - 1654 722' - 1729 TE FIRST PR TE OF TEST 12/23/0 OW. TUBING 34. DISPOSITI	TOP (MI TOP	WEIGHT, LB/FT. 24# J-55 9.5# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and nucles 1852' - 1866' = Total Holes = V PRODU LONG PRESSURE SI 2# S (Sold, used for fuel, ver N/A - No GA	3 6 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	ETHOD (Flow SIZE PR TE LATED are to P &	HOLE SIZE 8-3/4" / L // 7 7/8" SCREEN (MD) 32. 1582' - 1866' Fing, gas lift, pumping- ROD'N FOR OIL-BBL A well as soon a	TOP OF CE Surface; 225 925 sx 30. SIZE AC PRODUCTION Size and type of pur BBL. GAS-MCF no flow as approval rec	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr GAS-MCF no flow WATER	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) ETC. PACID, START 43 Dils 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR) D PACKER SET (MD)
PERFORA' 3SPF 82' - 1584 06' - 1808 2SPF 48' - 1654 22' - 1729 78' - 1786 3. TE FIRST PRI TE OF TEST 12/23/0 DW. TUBING 4. DISPOSITI	TOP (MI TOP	WEIGHT, LB/FT. 24# J-55 9.5# J-55 9.5# J-55 LINER F D) BOTTOM (MD) DRD (Interval, size and numbers 1852' - 1866' = Total Holes = V PRODU LOURS TESTED 2 CASING PRESSURE SI 2# S (Sold, used for fuel, ver. N/A - No GA NTS FC non-productive	3 6 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	ETHOD (Flow SIZE PR TE LATED are to P &	HOLE SIZE 8-3/4" / L // 7 7/8" SCREEN (MD) 32. 1582' - 1866' wing, gas lift, pumping- ROD'N FOR ST PERIOD OIL-BBL A well as soon a and correct as determined.	TOP OF CE Surface; 225 925 sx 30. SIZE AC PRODUCTION Size and type of pur BBL. GAS-MCF no flow as approval rec	DEPTH SE n/a D, SHOT, FRACTUR Acidize pumped bbls X-Linked Pr GAS-MCF no flow WATER eived. e records	TUB T (MD) E, CEMEN' 12 bbls 1 e-Pad, pu	ING RECOR P T SQUEEZE, 0% Formio Imped 27 to VELL STATUS \$1 2 A	AMOUNT PULLED D PACKER SET (MD) ETC. PACID, START 43 Dils 20# Gel water (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR) D PACKER SET (MD)

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the pass of t United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Pictured Cliffs	1886′	3470'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1886'
				Cliff House	3470′
				Point Lookout	4185'
Cliff House	3470'	4185'	Light gry, med-fine gr ss, carb sh		
î			& coal	Gallup	5532′
3				Greenhorn	6281'
Point Lookout	4185'	5532'	Med-light gry, very fine gr ss w/frequent	Graneros	6333'
‡			sh breaks in lower part of formation	Dakota	6460'
C=17	FF20:	5004			
Gallup	5532	6281'	Lt gry to brn calc carb micac glauc		
	5001		silts & very fine gr gry ss w/irreg.interbed sh		
Greenhorn	6281'	6333 '	Highly calc gry sh w/thin lmst.		
			ss w/pyrite incl thin sh bands clay & shale break		
Graneros	6333 '	6460'	Dk gry shale, fossil & carb w/pyrite incl.		
314110100	0333	0400	DR GIY SHATE, TOSSII & CAID W/DYLICE INCI.		,
Dakota	6460'		Lt to dk gry foss carb sl calc sl silty		

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Form 3160-4

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other inreverse side)

Expires: December 31, 1991

5. LEASE DESIGNATIONIAND SERIALISMONY CHARLES SF-077922 ington Field Office

		RECOMPL						
1a. TYPE OF WELL:	OIL WELL	GAS WELL X	DRY Other					
b. TYPE OF COMPLET	ION:	7. UNIT AGREEMENT NAME						
NEW Y	WORK DEEP-	PLUG	DIFF			8. FARM OR LEASE N	IAME, WELL NO.	
WELL 1	OVER EN	BACK	RESVROther			McGrath C		
2 NAME OF OPERATO	DR					9. API WELL NO	, I	
	ON RESOURCE	30-045-08945						
3 ADDRESS AND TEL	EPHONE NO.	to part to a		· · · · · · · · · · · · · · · · · · ·		10. FIELD AND POOL, OR WILDCAT		
PO BOX 428	9, Farmington, N	M 87499 (50	5) 326-9700			Basin FC/Fulcher Kutz PC		
4 LOCATION OF WEL	` .	•	•	requirements)*		11. SEC., T., R., M., OI OR AREA	R BLOCK AND SURVEY	
At surface Ur	nit P (SESE) 870' F	FSL, 1190' FEL					ON DAOW MARK	
At top prod. interval r	reported below	Same as ab	ove			Sec. 34 13	on R12W, nmpm RCVD JAN 15 '09	
At total depth Sa	ame as above						OIL CONS. DIV. DIST. 3	
		ī	4. PERMIT NO.	DATE ISSUE	ED .	12 COUNTY OR	13. STATE	
		- !		,		PARISH	Now Marris	
5 DATE SPUDDED 16.	DATE T.D. REACHED	17 DATE CO	OMPL. (Ready to prod.		18 ELEVATIONS (DF, F	San Juan SKB. RT. BR. ETC.)*	New Mexico 19 ELEV. CASINGHEAD	
2/7/63	2/18/63	1/7/		,	GL 5774	KB	1.0 ECEV. ONORIGITEND	
0. TOTAL DEPTH, MD &T\		ACK T.D., MD.&TVD	22. IF MULTIPLE C		23. INTERVALS	ROTARY TOOLS	CABLE TOOLS	
C0071		00401	HOW	MANY*	DRILLED BY	luca	1	
6637' 4. PRODUCTION INTERVA	AL (S) OF THIS COMPLE	2240' TION-TOP, BOTTON	M. NAME (MD AND TVD))*	L	yes 25. WAS DIREC	CTIONAL	
			ייי ייי ייייד לואים אואם דאם	7		SURVEY MADE		
Fulcher Kutz Po							No	
6. TYPE ELECTRIC AND C						27. WAS WELL CORED		
GR/CC	,L/CDL		040010 55555			<u> </u>	No	
B. CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD	CASING RECORD HOLE SIZE		s set in well) MENT, CEMENTING REC	ORD I	MOUNT PULLED	
		L DCI III DEI (MIL		IOF OF CEI	VILITI, OLIVILITI ING NEU	F	UNICOTAL L OFFED	
5/ \\ 2 }"	24# J-55	323'	8-3/4" / 2 /4	surface; 225	SX			
5/ 5 /" 4 1/2"	24# J-55 9.5# J-55	323' 6637'	8-3/4" / 2 /4 7 7/8"	surface; 225 925 sx	SX			
4 1/2"	9.5# J-55	6637'		925 sx	SX	TURKO RECOR		
4 1/2" 9.	9.5# J-55 LINER RE	6637' ECORD	7 7/8"	925 sx 30		TUBING RECOR		
4 1/2"	9.5# J-55 LINER RE	6637'	7 7/8"	925 sx	DEPTH SET		D ACKER SET (MD)	
9. SIZE TOP (MD)	9.5# J-55 LINER RE BOTTOM (MD)	6637' ECORD SACKS CEMENT	7 7/8"	925 sx 30 SIZE	DEPTH SET	(MD) P	ACKER SET (MD)	
4 1/2" SIZE TOP (MD) PERFORATION RECOR	9.5# J-55 LINER RE BOTTOM (MD)	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD)	925 sx 30 SIZE	DEPTH SET	(MD) P	ACKER SET (MD) ETC.	
A 1/2" SIZE TOP (MD) PERFORATION RECOR	LINER RE BOTTOM (MD) BD (Interval, size and nur	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD)	925 sx 30 SIZE	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2%	E, CEMENT SQUEEZE	ACKER SET (MD) ETC. 118 bbls 2% KCL	
9. SIZE TOP (MD) PERFORATION RECOR	LINER RE BOTTOM (MD) BD (Interval, size and nur	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD)	925 sx 30 SIZE	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin	ETC. 1 18 bbls 2% KCL ear Gel Foam w/	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 188' - 1920' = 32 hol	LINER RE BOTTOM (MD) BD (Interval, size and nur	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD)	925 sx 30 SIZE	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2	ETC. 1 18 bbls 2% KCL ear Gel Foam w/	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 188' - 1920' = 32 hol	LINER RE BOTTOM (MD) BD (Interval, size and nur	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD)	925 sx 30 SIZE	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 1100,000# 20/40 B	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2	ETC. 1 18 bbls 2% KCL ear Gel Foam w/	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 888' - 1920' = 32 hole	LINER RE BOTTOM (MD) BD (Interval, size and nur	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD)	925 sx 30 SIZE	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 1100,000# 20/40 B	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2	ETC. 1 18 bbls 2% KCL ear Gel Foam w/	
9. SIZE TOP (MD) PERFORATION RECOFT 1SPF 888' - 1920' = 32 holy otal holes = 32	BOTTOM (MD) BO (Interval, size and nur.	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD) 32 1888' - 1920'	925 sx 30 SIZE AC	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f	E, CEMENT SQUEEZE, KCL Water, pumper 200 gai 70Q 20# Lin rady Sand, total N2 fluid flush	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF.	
9. SIZE TOP (MD) PERFORATION RECORT 1SPF 888' - 1920' = 32 holotal holes = 32	BOTTOM (MD) BO (Interval, size and nur.	6637' ECORD SACKS CEMENT	7 7/8" SCREEN (MD) 32 1888' - 1920'	925 sx 30 SIZE AC	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush	ETC. 1 18 bbls 2% KCL ear Gel Foam w/	
9. SIZE TOP (MD) PERFORATION RECOFTSPF 388' - 1920' = 32 hole otal holes = 32	9.5# J-55 LINER RE BOTTOM (MD) RD (Interval, size and nur.	6637' ECORD SACKS CEMENT mber)	7 7/8" SCREEN (MD) 32 1888' - 1920'	925 sx 30 SIZE ACI	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in)	
9. SIZE TOP (MD) PERFORATION RECOFT 1SPF 188' - 1920' = 32 holotal holes = 32 3. TE FIRST PRODUCTION	BOTTOM (MD) BO (Interval, size and nur.	6637' ECORD SACKS CEMENT Third control of the co	7 7/8" SCREEN (MD) 32 1888' - 1920'	925 sx 30 SIZE ACI	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF.	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 88' - 1920' = 32 holistal holes = 32 3. TE FIRST PRODUCTION TE OF TEST	PRODUC	6637' ECORD SACKS CEMENT TION METHOD (FIG. 1/2" 1/2"	7 7/8" SCREEN (MD) 32 1888' - 1920' Experimental Series of the Control of the	925 sx 30 SIZE ACI ACI PRODUCTION Size and type of pur	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f Pumped 29 bbis f GASMCF	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS SA ZA WATER-BBL	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in)	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 188' - 1920' = 32 holiotal holes = 32 13. TE FIRST PRODUCTION TE OF TEST 2/23/08	PRODUC	G637' ECORD SACKS CEMENT TION METHOD (FIG.) CHOKE SIZE 1/2" CALCULATED	7 7/8" SCREEN (MD) 32 1888' - 1920' Experimental State of the control of the	925 sx 30 SIZE ACI	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis 1	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS SI ZA WATER-BBL	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in)	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 188' - 1920' = 32 holiotal holes = 32 13. TE FIRST PRODUCTION TE OF TEST 2/23/08	PRODUCTORS TESTED CASING PRESSURE	6637' ECORD SACKS CEMENT TION METHOD (FIG. 1/2" 1/2"	7 7/8" SCREEN (MD) 32 1888' - 1920' Experimental Series of the Control of the	925 sx 30 SIZE ACI PRODUCTION Size and type of pur BBL GAS-MCF	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f Pumped 29 bbis f GASMCF	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS SA ZA WATER-BBL	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in)	
9. SIZE TOP (MD) PERFORATION RECOFT 1SPF 188' - 1920' = 32 holistal holes = 32 3. TE FIRST PRODUCTION TE OF TEST 2/23/08 OW. TUBING PRESS.	PRODUCTION TESTED CASING PRESSURE SI 2#	G637' ECORD SACKS CEMENT The state of the	7 7/8" SCREEN (MD) 32 1888' - 1920' Experimental Series of the Control of the	925 sx 30 SIZE ACI ACI PRODUCTION Size and type of pur	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f Pumped 29 bbis f GASMCF	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS ST ZA WATER-BBL UBP set (a)	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.) H90 W//00 C	
9. SIZE TOP (MD) PERFORATION RECOFT 1SPF 188' - 1920' = 32 holiotal holes = 32 3. TE FIRST PRODUCTION TE OF TEST 2/23/08 OW. TUBING PRESS.	PRODUCTION TESTED CASING PRESSURE SI 2# (Sold, used for fuel, vent	G637' ECORD SACKS CEMENT There CHOKE SIZE THE CALCULATED 24-HOUR RATE ed, etc.)	7 7/8" SCREEN (MD) 32 1888' - 1920' Experimental statements of the statement of the sta	925 sx 30 SIZE ACI PRODUCTION Size and type of pur BBL GAS-MCF	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f Pumped 29 bbis f GASMCF	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS SI ZA WATER-BBL	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.) H90 W//00 C	
9. SIZE TOP (MD) PERFORATION RECOF 1SPF 888' - 1920' = 32 holiotal holes = 32 13. TE FIRST PRODUCTION TE OF TEST 2/23/08 OW. TUBING PRESS.	PRODUCTION PRESSURE SI 2# (Sold, used for fuel, vent	G637' ECORD SACKS CEMENT There CHOKE SIZE THE CALCULATED 24-HOUR RATE ed, etc.)	7 7/8" SCREEN (MD) 32 1888' - 1920' Experimental statements of the statement of the sta	925 sx 30 SIZE ACI PRODUCTION Size and type of pur BBL GAS-MCF	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f Pumped 29 bbis f GASMCF	E, CEMENT SQUEEZE, KCL Water, pumper 200 gal 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS ST ZA WATER-BBL UBP set (a)	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.) H90 W//00 C	
PERFORATION RECORDING TOP (MD) PERFORATION RECORDING TOP (MD)	PRODUCE CASING PRESSURE SI 2# (Sold, used for fuel, vent N/A - NO GAS TO LINER RE BOTTOM (MD) PRODUCE PRODUCE PRODUCE PRODUCE A CASING PRESSURE SI 2# (Sold, used for fuel, vent N/A - NO GAS TO NO GAS TO NO FOO CONTINUE TO NO FOO CONTINU	CTION METHOD (FIGURE SIZE FIGURE SIZE FI	77/8" SCREEN (MD) 32 1888' - 1920' Frowing, gas lift, pumping- PROD'N FOR CIL-BBL OIL-BBL	925 sx 30 SIZE AC PRODUCTION Size and type of pur BBL GAS-MCF no flow	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% Water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f GAS-MCF no flow WATER-E	E, CEMENT SQUEEZE, KCL Water, pumper 200 gai 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS SI ZA WATER-BBL TEST WITNESS	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.) JH90 W//OO'C SED BY ON COP	
PERFORATION RECOF 11SPF 1884' - 1920' = 32 holotal holes = 32 TE FIRST PRODUCTION TE OF TEST 2/23/08 OW. TUBING PRESS. 36. LIST OF ATTACHMENT Both PC & F 36. I hereby certify that the 1	PRODUCE CASING PRESSURE SI 2# (Sold, used for fuel, vent N/A - NO GAS TO LINER RE BOTTOM (MD) PRODUCE PRODUCE PRODUCE PRODUCE A CASING PRESSURE SI 2# (Sold, used for fuel, vent N/A - NO GAS TO NO GAS TO NO FOO CONTINUE TO NO FOO CONTINU	G637' ECORD SACKS CEMENT TABLE TO THE THOO (FIG. 1/2" CALCULATED 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 34-HOUR RATE 3	77/8" SCREEN (MD) 32 1888' - 1920' Frowing, gas lift, pumping- PROD'N FOR CIL-BBL OIL-BBL	925 sx 30 SIZE AC PRODUCTION Size and type of pur BBL GAS-MCF no flow	DEPTH SET N/A D, SHOT, FRACTURE Acidize start 2% Water, frac w/41,2 100,000# 20/40 B Pumped 29 bbis f GAS-MCF no flow WATER-E	E, CEMENT SQUEEZE, KCL Water, pumper 200 gai 70Q 20# Lin rady Sand, total N2 fluid flush WELL STATUS SI ZA WATER-BBL TEST WITNESS	ETC. d 18 bbls 2% KCL ear Gel Foam w/ = 308,300 SCF. (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.) H90 W//00 C	

	Pictured Cliffs	1886′	3470'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs Cliff House	1886' 3470'
	Cliff House	3470'	4185'	Light gry, med-fine gr ss, carb sh	Point Lookout	4185'
		3170	4105	& coal	Gallup	5532'
	·				Greenhorn	6281'
	Point Lookout	4185'	5532'	Med-light gry, very fine gr ss w/frequent	Graneros	6333'
				sh breaks in lower part of formation	Dakota	6460'
	Gallup	5532'	6281'	Lt gry to brn calc carb micac glauc		
				silts & very fine gr gry ss w/irreg.interbed	sh	
	Greenhorn	6281'	6333'	Highly calc gry sh w/thin lmst.		
•				ss w/pyrite incl thin sh bands clay & shale b	reak	
	Graneros	6333'	6460'	Dk gry shale, fossil & carb w/pyrite incl.		
	Dakota	6460'		Lt to dk gry foss carb sl calc sl silty		

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