OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

February 10, 2000

ARCO Permian P.O. Box 1610 Midland, Texas 79702

Attention:

Laurie Cherry

RE:

C-142 Application for New Well Status

Crooked Canyon Federal Well No. 1, API No. 30-015-30559

Barclay Federal Well No. 25, API No. 30-015-30597 Barclay Federal Well No. 11, API No. 30-015-30065

Dear Ms. Cherry:

Pursuant to Division Rule 34.C.(3), the deadline for filling for the New Well Tax Incentive is within sixty (60) days of completion of the well as a producer, therefore your application is hereby denied.

If you have any questions, please contact me at (505) 827-8183.

Sincerely.

Mark Ashley

Petroleum Engineering Specialist

New Mexico

1588

SUBMIT ORIGINAL

Date 06/99

Form C-142

District I - (505) 393-6161 1625 N. French Dr Hobbs, NM 88240 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 <u>District IV</u> - (505) 827-7131 2040 S. Pacheco COL COMSERVATION DIVISION Santa Fe, NM 87505

Energy Minerals and Natural Resources Department Oil Conservation Division

2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

PLUS 2 COPIES TO THE SANTA FE **OFFICE**

APPLICATION FOR NEW WELL STATUS

I. Operator and Well							
Operator name & address	OGRID Number 000990						
ARCO Permian							
P. O. Box 1610							
Midland, Texas 79702 Contact Party	Phone						
LAURIE CHERRY	915-688-5532						
Property Name Well Number	API Number						
CROOKED CANYON FEDERAL I	30-015-30559						
	Vest Line County						
	IST EDOY						
II. Date/Time Information	1						
Spud Date Spud Time Date Completed Pool LITTLE BOX CANE							
III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling	commenced and Form C-105 or						
Federal Form 3160-4 showing well was completed as a producer.							
IV. Attach a list of all working interest owners with their percentage interests.							
V. AFFIDAVIT:	-						
State of TEXAS) ss.							
County of Minimum)							
, and a second of the second o							
LAURIE (HERRY, being first duly sworn, upon oath states:							
1. I am the Operator, or authorized representative of the Operator, of the ab	ove-referenced well.						
To the best of my knowledge, this application is complete and correct.							
Signature Paurice Cherry Title Reg. / Com. Asst. Date 1-26-00							
SUBSCRIBED AND SWORN TO before me this 26 day of JANARY, 3000.							
Notary Public, State of Texas	10 20 0						
The same of the sa	V O yang						
My Commission Expires: Notary Public My Commission expires:							
wy Commission expires.							
FOR OIL CONSERVATION DIVISION USE ONLY:							
VI. CERTIFICATION OF APPROVAL:							
This Application is hereby approved and the above-referenced well is designated a New V notifies the Secretary of the Taxation and Revenue Department of this Approval.	Well. By copy hereof, the Division						
Signature Title	Date						

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

NOTICE: The operator must notify all working interest owners of this New Well certification.

· OPERATOR'S COPY

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires November 30 2000

Lease Serial No.	
------------------------------------	--

SUNDRY NOTICES	AND REPORTS ON WELLS	5. Lease Serial No. NM 25336
Do not use this form for abandoned well. Use Fon	6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE	- Other instructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.
I. Type of Well Oil X Gas Other		8. Well Name and No. CROOKED CANYON 1
2. Name of Operator ARCO Permian		FEDERAL
3a. Address	3b. Phone No. (include area co	9. API Well No. 30 - 015 - 30559
P.O. Box 1610, Midland, TX 79702	915-688-5570	10. Field and Pool, or Exploratory Area
 Location of Well (Footage, Sec., T., R., M., or Survey Description SEC. 35, T-20-S, R-21-E, NMPM, EDDY 		CANYON MORROW 11. County or Parish, State
12. CHECK APPROPRIA	TE BOX(ES) TO INDICATE NATURE OF NO	EDDY NM
TYPE OF SUBMISSION		PE OF ACTION
Notice of Intent	Acidize Deepen	Production (Start/Resume) Water Shut-Off
V Subsequent Person	Alter Casing Fracture Treat	Reclamation Well Integrity
X Subsequent Report	Casing Repair New Construction	Recomplete X Other SPUD AND SE
Final Abandonment Notice	Change Plans Plug and Abandon	Temporarily Abandon CASING.
	Convert to Injection Plug Back	Water Disposal
5/28/99 SPUD 12-1/4 HOLE AND SET	9-5/8" 36# j-55 @1402' W/360 SX (SURV. RUN 1" TBG AND STAGE CMT F CMT TO PIT.	/650' BACK
		ACCEPTED FOR RECORD
	DEARNUE	TOOL! YED TOTTILE OUT D
	RECEIVED	AUG 12 1999
	AUG 1 3 1999	000
		BLM
	ADMINISTRATION	
14. I hereby certify that the foregoing is true and correct	Title	
Name (Printed Typed) LAURIE CHERRY		ATORY/COMPLIANCE
R. Co	Date 7/30/99	
THIS THIS	S SPACE FOR FEDERAL OR STATE OF	FICE USE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of	f this notice dose and purerant or	
Conditions of approval, it any, are attached. Approval of certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations thereon.	those rights in the subject lease	

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



UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side) FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.
 NM 25336

WELL COMP	LETIC	ON OR	REC	OMPL	ETIC	N REI	POR	T AND	L	OG*		6. IF I	IDIAN, A	LLOTTEE	OR TRIBE NAME
1a. TYPE OF WELL:		OIL		GAS X	1 ,	DRY 🗆	Other _					7. UNI	T AGREE	MENT NA	ME
b. TYPE OF COMPL							Outer _								
NEW X	WORK OVER	DEEP- EN		PLUG BACK	DII RE	SVR.	Other _					8. FAR	M OR LE	ASE NAM	E, WELL NO.
2. NAME OF OPERATOR												CR	OOKED	CANY	ON 1
ARCO Permian													DERAL		
3. ADDRESS AND TE			70700										WELL NO). 30559	
P.O. Box 1610.					e with an	Ctate seas	izam and		11:	5-688-5	5532				WILDCAT
At surface	(Report	OCUMPA CIEU	iy ene in i	BCCOPBBAC	e wun un	y State requ	iremeni	3) ^				LI	TTLE	BOX	
1650'FSL, 660'														MORRO	
At top prod. interval i	eported be	low												M., OR BLI Y OR ARE	
At total depth					14 prn	MIT NO.		D. T.	F 7C	SUED			-20S-	21E	Lia de am
					IN. PER	MII NO.		المرا	E 13	SUED			RISH		13. STATE
						· _							EDDY	_	NM
15. DATE SPUDDED		T.D. REACHE	D I			eady to prod	1.)				RKB, RT, GF	t, ETC.)*		19. EL	EV. CASINGHEAD
5/28/99		18/99		7/27/					125						
20. TOTAL DEPTH, MD &	TVD	21. PLUG, B.	ACK T.D., I	MD & TVD	22	. IF MULTIP HOW MAN	LE COM Y*	PL.,		23. INTE	RVALS LLED BY	RO	TARY TO	OLS	CABLE TOOLS
8200 24. PRODUCING INTERVA	AL (S) OF T	8160	ON . TOP	BOTTOM A	JAME (MI	AND TUDY					→		X	125	WAS DIRECTIONAL
24. PRODUCING INTERVA	AL(3), OF 11	113 COMPLET	ON - TOP,	BOTTOM, I	(WMF (MT	י(עייו מאאי								25.	SURVEY MADE
7984-8012															N
26. TYPE ELECTRIC AND	OTHER LO	GS RUN												27. WAS	WELL CORED
															N
28.				CASIN	G RECO	RD (Repo	ort all si	trings set in H	vell)						
CASING SIZE/GRADE	\rightarrow	IGHT, LB/FT.	_	PTH SET (MD)		LE SIZE				CEMENT, CI	EMENTIN	IG RECO	SD.	AMOUNT PULLED
9-5/8	36		140			12-1/4	-	-		IRC					NA
5-1/2	17_		817	74'		8-3/4			5	200 ' CA	LC				NA
									H						
		1.1	NER REC	CORD					Ц	30.		TUDE	NG REC	OPD	
SIZE	TOP (M		воттом (SACKS (CEMENT*	SC	CREEN (MD)		SIZ	E		SET (MI		PACKER SET (MD)
									٦	2-3	/8	8	3012		7877
31. PERFORATION RECOR		l, size and nu	mber)				32.	A	CII	D. SHOT.	FRACTUR				
7984-8012 W/	4 SPF							EPTH INTERV		(MD)					ERIAL USED
							79	84-8012	_						30 SCFM:
							-			_	FRAC	W/19	000#	SD	
							-	-			+				
33.*					F	RODUCTI	ON		_		-				
DATE FIRST PRODUCTION	1	PRODUCTION		D (Flowin				id type of pui	mp)					4.6-1	Producing or CODUCING
DATE OF TEST	HOURS T		CHOKE	SIZE	PROD	N. FOR	, OIL -	BBL.	_	GAS - MC	F.	WATE	R - BBL		GAS - OIL RATIO
7/27/99	24				TEST P	ERIOD	0			400		0			
FLOW. TUBING PRESS.	CASING	RESSURE	CALCUI		OIL-B	BL.	1	GAS - MCF.			WATER - B	BL.	Ī	OIL GRA	VITY - API (CORR.)
400			24-HOU	KKATE											
34. DISPOSITION OF GAS	Sold, used	for fuel, vent	ed, etc.)									TEST V	/ITNESSE	DBY	
SOLD															
35. LIST OF ATTACHMENT	S														
36. I hereby certify that the for	egoing and at	tached information	on is comple	ete and correc	t as determ	nined from all	available	records							
SIGNED Jam	rie	Cher	res		тт	TITLE REG	ULAT	ORY COM	PL.	IANCE			DAT	_E 8/1	0/99

CROOKED CANYON FEDERAL #1 API #30-015-30559 EDDY COUNTY, NEW MEXICO

WORKING INTEREST OWNERS

Dennis D. Corkran 1001 Loop 360 South L-100 Austin TV 78746

Austin, TX 78746 2.113636%

David J. Andrews 1001 Loop 360 South, Bldg L, Suite 100 Austin, TX 78746

2.113636%

Sid Cowan 35 Meadow Lane Del Rio, TX 78840

Del Rio, TX 78840 3%

D & D Partnership 830 East Big Briar Way LaCanada, CA 91011

4%

Scott E. Muehlbrad 2511 Terrace Midland, TX 79705

Midland, TX 79705 1.056818%

Sutherland Family, LLC 306 West Wall, #700 Midland, TX, 79701

Midland, TX 79701 10.568182%

Cannon Exploration Company 3608 SCR 1184

Midland, TX 79706 2.113636%

Nadel & Gussman Permian, LLC 3200 First National Tower

Tulsa, OK 74103 15.852274%

Reber-Garrett Associates, a Pennsylvania Partnership 4629 State Road

Drexel Hill, PA 19026 1.056818%

Atlantic Richfield Company 58.125%

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE

Form C-142

Date 06/99

1625 M. French Dr Hobbs, NM 88240 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131 2040 S. Pacheco Santa Fe, NM 87505

VII.

District 1 - (505) 393-6161

2040 South Pacheco Santa Fe, New Mexico (505) 827-7131

#32 COMPERVATION DIVISION

APPLICATION FOR NEW WELL STATUS

i. Operator and vven			CODID	1 000000			
Operator name & address			OGRID N	umber 000990			
ARCO Permian							
P. O. Box 1610							
Midland, Texas 79702							
Contact Party			Phone				
LAURIE CHERRY			919	5-688-5532			
Property Name		Well Number	API Numb				
BARCLAY FEOERAL		25		715-30597			
UL Section Township Range Feet From The			st/West Line	County			
D 12 235 31E 660	NORTH 6	60 W	EST	EDDY			
II. Date/Time Information							
	completed Pool ,		0	/			
9-24-99 10-	25-99 Li	VINGSTON	KIDGE	(DEL)			
III. Attach copies of Form C-103 or Federa	I Form 3160-5 showing	date/time of dril	ling comme	enced and Form C-105 or			
Federal Form 3160-4 showing well was			5				
IV. Attach a list of all working interest owner							
V. AFFIDAVIT:	no with their percentage	interesto.					
V. /((1)D/(()).							
State of TENA							
State of TEXAS							
State of <u>TEXAS</u>) ss. County of <u>MIDLAND</u>)							
County of MIDIANU							
LAVE CHERRY, being first duly sworn	upon oath states:						
I am the Operator, or authorize	d representative of the C	operator, of the	above-refe	renced well.			
2. To the best of my knowledge, t							
1	0 /	4					
Signature Journ Loren	Title Rec 10-	an Act	Dat	te 1-26-08			
Signature The Company	_ Title Reg. Con	MI III	Da	16 - 50-55-			
SUBSCRIBED AND SWORM TO be fore me thi	- 2/th days to						
20R2CKIRE NAME 2/ARINNIN CORRELOLE WE IUI	s and or JANA	1814 , dooo	. 0				
Notary Public, State of Texas		()	40	_			
My Commission Expires: 2-12-2000 Deion Un Dane							
Notary Public							
My Commission expires:							
FOR OIL CONSERVATION DIVISION USE ON	ILY:						
VI. CERTIFICATION OF APPROVAL:							
This Application is hereby approved and th	e above-referenced well is	designated a Ne	w Well By	conv bereaf the Division			
notifies the Secretary of the Taxation and F			by c	20p) 1.0.001, ale Dividion			
tioning the opposition of the randition and t	or o						
Signature	Title			Date			
7.3							
	.1						

NOTICE: The operator must notify all working interest owners of this New Well certification.

DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Form 3160-4 (July 1992)

UNITED STATES

SUBMIT IN DUPLICATE®

FORM APPROVED OMB NO. 1004-0137

RURE	AU OF	LAND	MANA	GEMENT

Expires: February 28, 1995

		BUR	EAU OF LAND	MANAGI	EMENT					NM-220	<u>80</u>	
WELL COMP	PLETI	ON OF	RECOM	PLETIC	ON RE	PORT	AND L	.OG*		6. IF INDIAN,	ALLOTTE	E OR TRIBE NAME
1a. TYPE OF WELL:		OIL	GAS WELL		DRY 🗆	Other				7. UNIT AGRE	EMENT N	AME
b. TYPE OF COMP		""	***************************************	_	DKI 🗀							
WEW X	WORK OVER	DEI EN	EP- PLUG BACK	DI	FF. ESVR.	Other				8 FARM OR I	FASE NAI	ME, WELL NO.
2. NAME OF OPERATOR	R									BARCLA		
ARCO Permian 3. ADDRESS AND TO	EI EDUON	E NO		_						9. API WELL	10.	
P.O. Box 1610			79702				919	5-688-5	532	30-015	-3059	7
4. LOCATION OF WELL				ance with an	y State requi	irements)*				10. FIELD AN	-	
At surface 660 'FNL, 660' At top prod. interval		elow								II. SEC., T., R	, M., OR B	
At total depth										12-T23		
				14. PER	UMIT NO.		DATEIS	SSUED		12. COUNTY C	R	13. STATE
										EDI	Υ	NM
15. DATE SPUDDED	16. DAT	E T.D. REAC	HED 17. DAT	E COMPL. (R	eady to prod	L)	18. ELEVA	ATIONS (DF,	RKB, RT, G			ELEV. CASINGHEAD
9/24/99	10	/10/99	10,	/25/99			3463	3				
20. TOTAL DEPTH, MD &	Ł TVD		, BACK T.D., MD & T	VD 22	IF MULTIPI			23. INTE	RVALS LED BY	ROTARY	OOLS	CABLE TOOLS
8377		8324							→	X		•
24. PRODUCING INTERV	VAL(S), OF T	THIS COMPLI	ETION - TOP, BOTTO	M, NAME (MI	O AND TVD)*	•					2:	5. WAS DIRECTIONAL SURVEY MADE
6553-6849,704	6-7075	7483 - 75	512,8136-81	56								N
26. TYPE ELECTRIC AND	DOTHER LO	OGS RUN									27. W	AS WELL CORED
GR											1	N
28.				SING RECO		ort all strings	s set in well,					
CASING SIZE/GRADE	_	EIGHT, LB/F		IT (MID)		LE SIZE			CEMENT, C	EMENTING REC	ORD	AMOUNT PULLED
3-3/8	48		854		17-1/2			IRC				NA NA
-5/8	32		4421		11			IRC				NA NA
-1/2	17		8377		7-7/8		 1	<u> 1900'TS</u>		-		NA
		-	LINER RECORD					30.		TUBING RI	CODD	
SIZE	TOP (BOTTOM (MD)	SACKS	CEMENT*	SCREE	N (MD)	SIZI	E	DEPTH SET (PACKER SET (MD)
	(2-7/		7737		
				$\overline{}$				-		- 1191		
31. PERFORATION RECO	RD (Inch	एक्स क्षेत्र	ED-FOR RE	CORD		32.	ACI	D. SHOT	FRACTU	RE. CEMENT	SOUF.E.Z.	E. ETC.
6553-6849		7		-5010			INTERVAL		. A	MOUNT AND K	ND OF MA	ATERIAL USED
7046-7075						8136-	8156		1000	CAL 1590.	2436	0 GAL MK130 : 65000
7483-7512	- 1	NOV	/ 2 3 1999)		7483-	7512		41	" , 5	3000	" " ,75000 ²⁴
			SGD.) LES		K	7046-	7075		П	11 13		P4 13 11 11
8136-8156						6553-	6843		V	1, 66.	00 0	" " 1 30000#
33.*			BLM		PRODUCTI					J		(Braduston as
DATE FIRST PRODUCTION 10/25/99	N	PUMPI	TION METHOD (Fig ING	wing, gas iifi	., ритрия - 	size ana typ	e oj pump)	,			have don't	PRODUCING
DATE OF TEST	HOURS	TESTED	CHOKE SIZE	PROD?	N. FOR ERIOD	OIL - BBL	1	GAS - MC	F	WATER - BB	L	GAS - OIL RATIO
11/1/99	24			1831 7	- AUDI	15		18		317		1200
FLOW. TUBING PRESS.	CASING	PRESSURE	CALCULATED	OIL-B	BL	GAS	S - MCF.	1	WATER-	BBL.		RAVITY - API (CORR.)
200	70		24-HOUR RATE								36.8	3
4. DISPOSITION OF GAS	(Sold, used	l for fuel, ver	nted, etc.)							TEST WITNES	SED BY	
4. DISPOSITION OF GAS												
SOLD												
SOLD	TS											
SOLD 35. LIST OF ATTACHMEN												
SOLD		mached inform	ntion is complete and co	arrect as determ	ined from all a	rvailable recon	ds					
SOLD 15. LIST OF ATTACHMEN 16. I hereby certify that the fo		/ \ \	ntion is complete and or			available record		TANCE	-	_	. m 11	1/15/99

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELDPERATOR'S COL

FORM APPROVED Budget Bureau No. 1004-0135 Expires November 30 2000

5. Lease Serial No.

NM-22080	N	M-	22	08	0
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SUNDAT NOTICES	AND REPORTS ON WELLO ELECTION	NM-22080
	r proposals to drill or to re-enter an rm 3160-3 (APD) for such proposals.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well Oil Well Gas Well Other		8. Well Name and No. BARCLAY FEDERAL 25
2. Name of Operator ARCO Permian		
3a. Address	3b. Phone No. (include area code)	3001530597
P.O.BOX 1610. MIDLAND. TX 79702	915-688-5532	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descripti	ion)	LIVINGSTON RIDGE (DEL)
660'FNL, 660'FWL SEC 12, T23S, R31E		11. County or Parish, State EDDY NM
12. CHECK APPROPRIA	TE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Acidize Deepen Product Alter Casing Fracture Treat Reclam	tion (Start/Resume) Water Shut-Off nation Well Integrity
X Subsequent Report	Casing Repair New Construction Recom	plete X Other SPUD AND SET
Final Abandonment Notice	Change Plans Plug and Abandon Tempor	rarily Abandon CASING
	Convert to Injection Plug Back Water I	Disposal
9-24-99 SPUD 17-1/2" HOLE. DRILL 9-25-99 SET 13-3/8" CSG IN 17-1/2 854'. CIRC 50 SX CMT TO 10-2-99 SET 8-5/8" CSG IN 11" HOL CIRC. 197 SX CMT TO PIT.	F/40' TO 175'. 2" HOLE WITH 700 SK CLASS C CEMENT @ PIT. LE WITH 1400 SX CLASS C CMT @ 4421'. HOLE WITH 900 SX CLASS H CMT @8377'.	PETER W. CHESTER NOV 12 1999 BUREAU OF LAND MANAGEMENT ROSWELL RESOURCE AREA
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Title REG./COMP. ASSI	•
Savie Cherry	Date 10/20/99	V
	SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of amenual if any are stracked. Approval of	this notice does not warrant or Office	
certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations thereon.	those rights in the subject lease	

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BARCLAY FEDERAL LEASE EDDY COUNTY, NEW MEXICO

WORKING INTEREST OWNERS

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

100%

New Mexico

1598

Form C-142 Date 06/99

Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

District F (505) 393-6161

District II - (505) 748-F283

District III - (505) 334-6178

107. COMPERVATION DIVERSE

1625 N. French Dr Hobbs, NM 88240

Artesia, NM 88210

Aztec, NM 87410

<u>District IV</u> - (505) 827-7131

2040 S. Pacheco

Santa Fe, NM 87505

1000 Rio Brazos Road

811 S. First

VII.

SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE

APPLICATION FOR NEW WELL STATUS

Operator and Well						
Operator name & address		OGRID Number 000990				
ARCO Permian						
P. O. Box 1610						
Midland, Texas 79702 Contact Party		Phone				
LAURIE CHERRY		Phone 915 - 688 - 5532. API Number				
Property Name	Well Number	API Number 30-015-30-055 West Line County 57				
BARCIAY FEDERAL		30-015-30065				
UN Section Township Range Feet From The 12 235 31E 760		West Line County				
	NORTH 660 EA	ST EDDY				
II. Date/Time Information Spud Date Spud Time Date C	ompleted Pool					
	1-99 LIVINGSTON 1	RIDGE (NEL)				
III. Attach copies of Form C-103 or Federal	Form 3160-5 showing date/time of drilling					
Federal Form 3160-4 showing well was	completed as a producer.	ig commoniced and rount of 100 of				
IV. Attach a list of all working interest owne						
V. AFFIDAVIT:						
State of Towas) ss. County of Minimum)						
SS.						
County of Michael)						
11005 10500						
LAURIE CHERRY, being first duly sworn,	upon oath states:					
I am the Operator, or authorized	d representative of the Operator, of the al	have referenced well				
	nis application is complete and correct.	bove-referenced well.				
3-1, -						
Signature Laurie Cherry	Title Reg. Cours. 155.	Date 1-26-00				
SUBSCRIBED AND SWORN TO before me this	ab day of JANUARY, 2000.					
LEIGH ANN LANE		φ				
Notary Public, State of Texas	Dug Unn	Janl				
My Commission Expires: 12-12-2000 Notary Public						
My Commission expires:						
FOR OIL CONCERVATION DIVISION LISE ON	I V·	375 - 147 -				
FOR OIL CONSERVATION DIVISION USE ON	LT.					
VI. CERTIFICATION OF APPROVAL:						
	above-referenced well is designated a New	Well. By copy hereof, the Division				
notifies the Secretary of the Taxation and R		-, -, -, -, -, -, -, -, -, -, -, -, -, -				
Signature	Title	Date				

NOTICE: The operator must notify all working interest owners of this New Well certification.

DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

OPERATOR'S COPY SUBMIT IN DUPLICATES FORM APPROVED Form 3160-4 OMB NO. 1004-0137 **UNITED STATES** (July 1992) Expires: February 28, 1995 DEPARTMENT OF THE INTERIOR structions on reverse side) 5 I FASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT NM-22080 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 7. UNIT AGREEMENT NAME WELL X 1a. TYPE OF WELL: b. TYPE OF COMPLETION: WORK DEEP-PLUG BACK NEW X 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR BARCLAY FEDERAL 11 ARCO Permian 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO. 51 30-015-30063 915-688-5532 P.O. Box 1610, Midland, TX 79702 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) LIVINGSTON RIDGE (DEL) At surface 760 'FNL, 660 'FEL At top prod. interval reported below 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-T23S-R31E At total depth DATE ISSUED COUNTY OR 14 PERMIT NO PARISH EDDY NM 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)4 19. ELEV. CASINGHEAD 16. DATE T.D. REACHED 15. DATE SPUDDED 10-27-99 3499 11/9/99 10-13-99 CABLE TOOLS 23. INTERVALS DRILLED BY ROTARY TOOLS 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 20. TOTAL DEPTH, MD & TVD HOW MANY X 8403 8450 24. PRODUCING INTERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE SEE ATTACHED 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN N GAMMA RAY, CPN CASING RECORD (Report all strings set in well) 28 TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED DEPTH SET (MD) HOLE SIZE CASING SIZE/GRADE WEIGHT, LB /FT. CIRC 17 - 1/248 858 13-3/8 11 CIRC NA 4440 32 8-5/8 NA 7-7/8 17 8450 TUBING RECORD LINER RECORD 30. DEPTH SET (MD) PACKER SET (MD) BOTTOM (MD) SACKS CEMENT® SCREEN (MD) SIZE TOP (MD) SIZE 2-7/8 7504 ACCEPTE D FOR RECORD 31. PERFORATION RECORD (Interval, size and a ACID. SHOT. FRACTURE. CEMENT SOUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) SEE ATTACHED DEC SEE ATTACHED BLM 1/13/00 PRODUCTION 33.* WELL STATUS (Producing or PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) DATE FIRST PRODUCTION PRODUCING 11-9-99 **PUMPING** WATER - BBL GAS - OIL RATIO GAS - MCF. PRODYN FOR OIL - BBL CHOKE SIZE DATE OF TEST HOURS TESTED TEST PERIOD 378 565 130 230 11/22/99 24 OIL GRAVITY - API (CORR.) GAS - MCF. WATER - BBL. CALCULATED CASING PRESSURE FLOW, TUBING PRESS. 24-HOUR RATE 36.6 TEST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records DATE 12/10/99 TITLE REGULATORY COMPLIANCE SIGNED

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

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135 Expires November 30 2000

BUREAU OF I SUNDRY NOTICES	5. Lease Serial No. NM-22080	
Do not use this form for abandoned well. Use Fo	6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE	7. If Unit or CA/Agreement, Name and/or No.	
I. Type of Well X Oil Gas Well Other		8. Well Name and No. BARCLAY FEDERAL 11
2. Name of Operator ARCO Permian		9. API Well No.
3a. Address	3b. Phone No. (include area code)	30-015-30063
P.O.BOX 1610. MIDLAND. TX 79702 4. Location of Well (Footage, Sec., T., R., M., or Survey Descript	915 - 688 - 5532	10. Field and Pool, or Exploratory Area LIVINGSTON RIDGE (DEL)
760'FNL, 660'FEL	acity .	LIVINGSTON RIDGE (DEL)
SEC 12, T23S, R31E		11. County or Parish, State EDDY NM
12. CHECK APPROPRIA	ATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Acidize Deepen Product	tion (Start/Resume) Water Shut-Off
X Subsequent Report	Alter Casing Fracture Treat Reclam	
A Subsequent Report	Casing Repair New Construction Recom	
Final Abandonment Notice		arily Abandon SET CASING
	Convert to Injection Plug Back Water I	Disposal
10/13/99 SPUD 17-1/2" HOLE. DRIL , 10/14/99 SET 13-3/8"48# H-40 CAS	L 17-1/2" HOLE FROM 40' TO 425'. ING @858 W/700 SX CLASS C CEMENT. ACE. NG @4440' W/1400 SX CLASS C CEMENT.	new interval, a Form 3160-4 shall be filed once tion, have been completed, and the operator has
14. I hereby certify that the foregoing is true and correct Name (Printed Typed) LAURIE CHERRY THIS	Title REG./COMP. ASST Date 12/10/99 SPACE FOR FEDERAL OR STATE OFFICE USE	
	Title	Date
Approved by Conditions of approval, if any, are attached. Approval of	this notice does not warrant or occu-	
commons or approval, it any it automatical to which would entitle the applicant to conduct operations thereon.	those rights in the subject lease	

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

BARCLAY FEDERAL LEASE EDDY COUNTY, NEW MEXICO

WORKING INTEREST OWNERS

Atlantic Richfield Company P. O. Box 1610 Midland, Texas 79702

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