NM OIL CONSERVATION

Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE - Other instructions on page 2

ARTOCO ARESIET SET 270 26/1

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

7. If Unit or CA/Agreement, Name and/or No.

5. Lease Serial No. NMNM22080

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter abandoned well. Use form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

1. Type of Well					8. Well Name and No. BARCLAY FEDER	λι 1	
Oil Well Gas Well Oth						VAL I	
2. Name of Operator ARCO PERMIAN	Contact: E-Mail: dgordon@l	DEBRA GOR innenergy.com	DON		9. API Well No. 30-015-24954-0	0-S1	
3a. Address 200 WESTLAKE PARK BLVD HOUSTON, TX 77079		3b. Phone No. Ph: 281-84 Fx: 832-209			10. Field and Pool or E LIVINGSTON RI		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)			11. County or Parish, S	State	
Sec 1 T23S R31E SESW 660	FSL 1980FWL				EDDY COUNTY	′, NM	
12. CHECK THE AF	PPROPRIATE BOX(ES)	TO INDICA	ΓE NATURE O	F NOTICE,	REPORT, OR OTH	ER DATA	
TYPE OF SUBMISSION			TYPE OF	F ACTION			
☐ Notice of Intent	☐ Acidize	☐ Dee _l	Deepen Produ		ion (Start/Resume)	■ Water Shut-Off	
☐ Nonce of Intent	☐ Alter Casing	.□ Hyd	raulic Fracturing	☐ Reclam	ation	■ Well Integrity	
Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recomplete		Other	
☐ Final Abandonment Notice	☐ Change Plans	☑ Plug	and Abandon	□ Tempor	arily Abandon		
	Convert to Injection	☐ Plug	Back	☐ Water I	Disposal		
determined that the site is ready for fi LINN OPERATING, LLC IS RI FEDERAL #001 WELL LOCA' THE FINAL PLUG AND ABAN THE ATTACHED OPERATIO' OPERATIONS WERE COMPI THIS WELL IS IDENTIFIED A	ESPECTFULLY SUBMIT TED IN EDDY COUNTY, NDON OPERATIONS WE NAL REPORT AND FINA LETED OUTSIDE OF LP	NM. RE COMPLE L WELLBOR C STIPULATI	TED ON 09/01/2	2017.	RECLAM DUE 3-1	ANDON ATION	
14. I hereby certify that the foregoing is	true and correct.				0 1	٠,٨	
c	# Electronic Submission For ARC ommitted to AFMSS for pro	CO PERMIAN.	sent to the Carls	sbad	n System 7JA0174SE)	is record	
Name (Printed/Typed) DEBRA GORDON			Title REGUL	ATORY MA	NAGER	710,0	
Signature (Electronic S	Date 09/06/2	017	VCCEOIN	tor record			
Accepted for Recor	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE .	14.	
Approved By	o a. Com		Title Sa	PET	The same transfer of the state	9-18-17 Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			Office	0		·	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter wi	rson knowingly and thin its jurisdiction.	willfully to ma	ake to any department or	agency of the United	
/T							

BARCLAY FEDERAL #001 API#: 30-015-24954 PLUG & ABANDON REPORT

08/21/2017	Moved rig to location, dug out cellar
08/22/2017	Rigged up plugging equipment. ND Wellhead, NU BOP. RIH w/bit & drill collar to 6040'.
08/23/2017	Tagged CIBP @ 6122'. Drilled out CIBP @ 6122'. RIH to 8439'.
08/24/2017	Spotted 50 sx class H cmt @ 8439'-8132'. WOC
08/25/2017	Tagged plug @ 7995'. Spotted 25 sxs class H cmt @ 7995'7892' (per BLM's request) Set
	7-5/8" CIBP @ 6122'. Spotted 30 sx class C cmt @ 6122'-5999'
08/28/2017	Perf'd csg @ 4570', pressured up on perfs to 800 psi. Spotted 50 sx class C cmt @
	4620'-4364'. WOC. Tagged plug @ 4327'. Perf'd csg @ 845'. Sqz'd 35 sx class C cmt @
	845'-745'. WOC
08/29/2017	Tagged plug @ 727'. Perf'd csg @ 200'. ND BOP NU wellhead, sqz'd 100 sx class C cmt
	@ 200' & circulated to surface. Rigged down and moved off.
09/01/2017	Moved in backhoe and welder. Dug out cellar. Cut off wellhead. Welded on
	"underground dry hole marker". Backfilled cellar. Cut off deadmen. Cleaned location,
	RDMO.

FINAL ABANDONMENT COMPLETED ON 09/01/2017

Well Name	APVUWI	Orig KB Elev (ft)		Init Spud D	t TD Dat		(B)	Latitude (*)	Longitude (°)	County	State/Pro
BARCLAY FEDERAL 001 (GRAYBURG)	300152495 4	3,517.00	3,495.00	8/20/1984		15,	500,0	32° 19' 40,004" N	103" 44" 0,281" W	Eddy.	NM -
Wellbore Section Su	ımmarv			<u> </u>	<u> </u>			<u> </u>	2 - / - 2 - 2		
	on Des			Size (in)	Act To	p (ftKB)	Ac	t Btm (ftKB)		End Date	
Conductor				20	1	22.0		52.0	8/21/1984		
Surface				17 1/2		52.0			8/22/1984		
Intermediate Production 1				12 1/4 9 1/2		795.0 4,520.0			8/30/1984 9/19/1984		
Production1		+	9 1/4		4,520,0 12,455.0		•	9/19/1984			
Production2				6 1/4	1	12,600.0		15,500.0	10/29/198	4	
Casing Strings											
Casing Description Conductor	OD (in) 20	Set Depth 52,0	(ft Run Date 8/20/19		Vt/Len (fb/ft)	String Grade		Comment			
Casing Description	OD (in)	Set Depth	(ft Run Date		Wt/Len (lb/ft)	String Grade	Comment				
Surface Casing Description	13 3/8 OD (in)	792.0 Set Depth	8/22/19 (ft., Run Date		48,00 Nt/Len (lb/lt)	H-40 String Grade		Comment			
Intermediate Casing Description	10 3/4 00 (in)	4.520.0 Set Depth	8/30/19 (ft Run Date		45,50` Wt/Len (lb/ft)	K-55 String Grade		Comment			
Production1	7 5/8	12,600.0			33.70	S-95		DV Tool set a	8008'.		
Casing Description	OD (in)	Set Depth	(ft Run Date		Nt/Len (Ib/ft)	String Grade		Comment			
Production2 Liner	4 1/2	15,388.0			13.50	P-110		Top of Liner re			
	L			L		I		number of cas	ang jonus w	as not report	
Intermediate: 4,520.0 ft/ Cement Plug; 8/25/2017; S Production1 Casing Cel cemented with 1000 sac 200 sacks Class H. TOC Cement Plug; 8/25/2017; S Cement Plug; 8/24/2017; S Production1 Casing Cel cemented with 105 circulated 350 sac Cement Plug; 2/11/19s Cement Squeeze: 5/12/19s from 11,993'- 12,170' Production1; 12,600.0 ft	4,364'. Tag TOC (B: 10.750 in; K potted 30 sx "H ment; 9/24/1984 ks Howco Lite for at 4100' per Te Survey (9. spotted 25 sx "H spotted 50 sx "H spotted 50 sx "H 8,439'. Tag TOC ment; 9/24/1984 osacks Class ocks of cement (99; Spotted a 20 plug f/ 11 55; Squeezed pe with 150 sacks ocks (sc S) sacks (sc S)	(a) 4,327 (b)/ft (7/5,999 - 6,122'); Stage 2 (b) (b)/ft (7/7,892' - 7,995'); (f) (8,132' - 6,995'); Stage 1 (c)					with Per 648 Sarr with Per 617 Sarr with fluid Per 685 hole	f; 6,854.0-7,0 64'- 6866', 696	ns gelled fw 18.0; 2/11/1 1 spf. .0-6,508.0; ns of gel am .0-2,711/1 .0-2,077.0; sand and ar .77.0; 2/11/1 .0'-6973', ar .170.0; 5/11 12,026'-12	and 62,000; 999; Perfora 2/11/1999; F d 68,500# of 999; Perfora 102'- 6306' (6 2/11/1999; F or unknown a 999; Perfora nd 7071'- 70	# sand. ted from ractured sand. ted from i holes). ractured mount of ted from 77' with 1
Production2 Liner Ca Production liner cemente 12,337' calculated ass	d with 550 sack: suming a 6-1/4" (sack, and 50% 99; Spotted a 15 plug f/ 13,94	0/29/1984; s. TOC at hole, 1.18 efficiency. 0' cement 7'-14,097'					Sar with san Per	8/1999; Fish (i 344.0 nd Frac; 14,40 1 31,000 gallor d. f; 14,400.0-14 400'- 14,414'.	0.0-14,414. ns of Alco-F	0; 7/23/1997 oam and 25	; Fracture ,000# 20/4
Cement Plug; 5/10/1	Cement Plug; 5/10/1995; Set a 45' plug on CIBP. Cement Plug; 4/24/1995; Set a 25' cement plug on CIBP. Date not reported. Production2 Liner Casing Cement (plug);					Plug Back Total Depth; 14,550,0; 4/25/1995 4/25/1995; CIBP; 14,550,0-14,551,0 Perf; 14,600,0-14,652,0; 2/2/1993; Perforated 1 14,600'- 14,616' (55 shots), 14,633'- 14,636' (1 shots), and 14,642'- 14,652' (41 shots). 109 to shots.					95
Cement Plug; 5/10/1995 Cement Plug; 4/24/1995; Production2 Lin	Set a 25' ceme CIBP. Date not er Casing Cem	reported. \ ent (plug);	\				—14,6 sho	600'- 14.616' (ts), and 14,64	55 shots), 1	1993; Perfor 4,633'- 14,6	ated from 36' (13
Cement Plug; 5/10/1998 Cement Plug; 4/24/1995;	Set a 25' ceme CIBP. Date not er Casing Ceme n liner cemented	reported. \ ent (plug); d with 550] . 		14,6 sho sho	600'- 14.616' (ts), and 14,64	55 shots), 1 2'- 14,652' (1993; Perfor 4,633'- 14,6 (41 shots), 1	ated from 36' (13
Cement Plug; 5/10/1995 Cement Plug; 4/24/1995; Production2 Lin 10/29/1984; Production sacks. TOC at 12,337' 1/4" hole, 1.18 yield/	Set a 25' ceme CIBP. Date not er Casing Cem n liner cementer calculated assu- sack, and 50%	reported. \ ent (plug); d with 550 ming a 6- efficiency.			.		14,6 sho sho -4/24 Peri	600'- 14.616' (ts), and 14,64 ts. 4/1995; CIBP; f; 14,818.0-14	55 shots), 1 2'- 14,652' (14,784.0-1 ,832.0; 11/1	1993; Perfor 4,633'- 14,6 (41 shots), 1 4,785,0 8/1984; Per	ated from 36' (13 09 total
Cement Plug: 5/10/1995 Cement Plug: 4/24/1995; Production2 Lin 10/29/1984; Production sacks. TOC at 12,337'	Set a 25' ceme CIBP. Date not er Casing Cem in liner cementer calculated assu- sack, and 50% (8.0 ftKB; 4.500	reported. ent (plug); d with 550 iming a 6- efficiency. in; P-110;					14,6 sho sho -4/24 Peri	600'- 14.616' (ts), and 14,64 ts. 4/1995; CIBP; f; 14,818.0-14 n 14818'- 1483	55 shots), 1 2'- 14,652' (14,784.0-1 ,832.0; 11/1	1993; Perfor 4,633'- 14,6 (41 shots), 1 4,785,0 8/1984; Per	ated from 36' (13 09 total
Cement Plug: 5/10/1995 Cement Plug: 4/24/1995; Production2 Lin 10/29/1984; Production sacks. TOC at 12,337' 1/4" hole, 1.18 yield/. Production2 Liner; 15,38	Set a 25' ceme CIBP. Date not er Casing Cement in liner cemented calculated assu- sack, and 50% 8.0 ftKB; 4.500 er reported at 12	reported. ent (plug); d with 550 iming a 6- efficiency. in; P-110;					14,6 sho sho 4/24 Peri fron	600'- 14.616' (ts), and 14,64 ts. 4/1995; CIBP; f; 14,818.0-14 n 14818'- 1483	55 shots), 1 2'- 14,652' (14,784.0-1 ,832.0; 11/1	1993; Perfor 4,633'- 14,6 (41 shots), 1 4,785,0 8/1984; Per	ated from 36' (13 09 total