ontain 8/01 subject 8/01 ENGINEER MS

		r 	
		ABOVE THIS LINE FOR DIVISION USE ONLY	
		NEW MEXICO OIL CONSERVATION DIVISION	
		- Engineering Bureau -	
		1220 South St. Francis Drive, Santa Fe, NM 87505	
· <u> </u>		ADMINISTRATIVE APPLICATION CHECKLIST	
т	HIS CHECKLIST IS N	IANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REG WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	ULATIONS
Applie	cation Acronym		-
	[DHC-Dow [PC-P	ndard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedicatio nhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling ool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] Nified Enhanced Oil Recovery Certification] [PPR-Positive Production Response	9]
[1]	TYPE OF A	PPLICATION - Check Those Which Apply for [A]	
	[A]	Location - Spacing Unit - Simultaneous Dedication	
		X NSL NSP SD	2 2
	Chec	c One Only for [B] or [C]	
	[B]	Commingling - Storage - Measurement	12.au
		DHC CTB PLC PC OLS OLM	-
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery	p:1 5: 05
	[0]	WFX PMX SWD IPI EOR PPR	5.
			5
	[D]	Other: Specify	
[2]	NOTIFICAT	ION REQUIRED TO: - Check Those Which Apply, or 🗆 Does Not Apply	
f_1	[A]	Working, Royalty or Overriding Royalty Interest Owners	
	[]]		
	[B]	Offset Operators, Leaseholders or Surface Owner	
	[C]	Application is One Which Requires Published Legal Notice	
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office	
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,	

LOGGED IN KN TYPE NSL APP NO. 131357421

Waivers are Attached [F]

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Signature LANDrothy 11-6-01 Title Date GORGE LOX & XTO ENERGY. Com Print or Type Name



November 6, 2001

CERT[®]**FIED MAIL:**

Michael E. Stogner New Mexico Oil Conservation Division 1220 S. St. Francis Dr. Santa Fe, New Mexico 87504

RE: Request for Administrative Approval of an Unorthodox Location XTO Energy Inc.'s Bolack C LS #7 Well 1,840' FNL and 918' FWL (W/2) Unit E, Section 33-T27N-R8W San Juan County, New Mexico Basin Fruitland Coal

Dear Mr. Stogner:

XTO Energy Inc. hereby request administrative approval of an unorthodox gas well location for the above referenced well. Attached for your reference are the following exhibits:

- 1. Well Location plat (NMOCD Form C-102).
- 2. Ownership Map with Offset Operators for the Basin Fruitland Coal formation.
- 3. Production map of the Basin Fruitland Coal Formation.

The above captioned well was drilled and completed on October 4, 1956 as a W/2, 320 acre producing Pictured Cliffs unit. XTO would like to move up the wellbore and recomplete the well in the Basin Fruitland Coal formation. The pool rules state that a well pattern for the section shall be a NE/4 or SW/4 location. The existing location will not conform to the current pattern requirement. A new well would not be economically feasible to drill for just the Basin Fruitland Coal formation. The current wellbore is in acceptable condition for the recompletion attempt with no additional work being required. By moving up the hole to the Basin Fruitland Coal formation, XTO would be able to minimize environmental impact in obtaining additional production and protection of waste and correlative rights.

By certified mail, a copy of this application and request for administrative approval has been sent to all Basin Fruitland Coal offsetting operators. We look forward to your approval and should you have any questions, please contact me at (817) 885-2454.

Sincerely, XTO ENERGY INC.

N.C.sc in. George A. Cox, CPL

Landman

Cc: Gary Markestad – Farmington Jeff Patton - Farmington Barry Voigt – Fort Worth Offset Operators/Owners

OFFSET OPERATOR/OWNERS BOLACK C LS #7 WELL

Burlington Resources P.O. Box 4289 Farmington, NM 87499-4289 Attention: Dawn Howell

Conoco, Inc. P.O. Bcx 2197, DU 3078 Houston, TX 77252 Attention: Eva Rodriquez

Chateau Energy Inc. 5950 Berkshire Lane #275 Dallas, Texas 75225-5846

Merchant Resources Two Greenspoint Park, Suite 380-S 16800 Greenspoint Park Drive Houston, TX 77060

Taurus Exploration USA Inc. 2198 Bloomfield Hwy Farmington, NM 87404 Attention: Rich Corcoran District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street, Artesia, NM 88210-2834 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Sauta Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

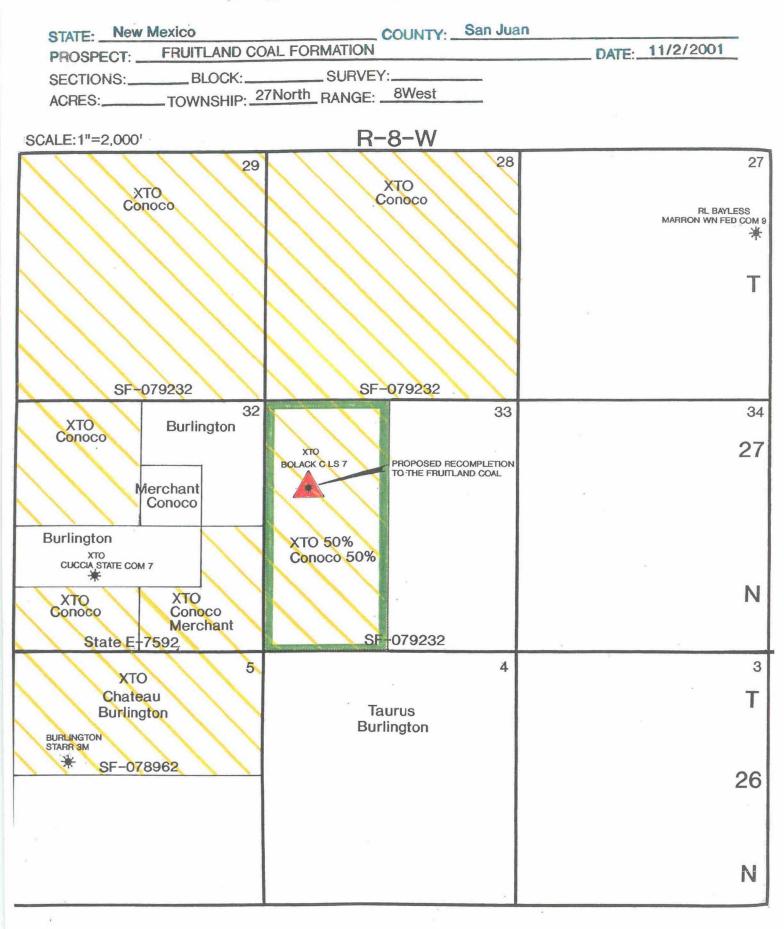
AMENDED REPORT

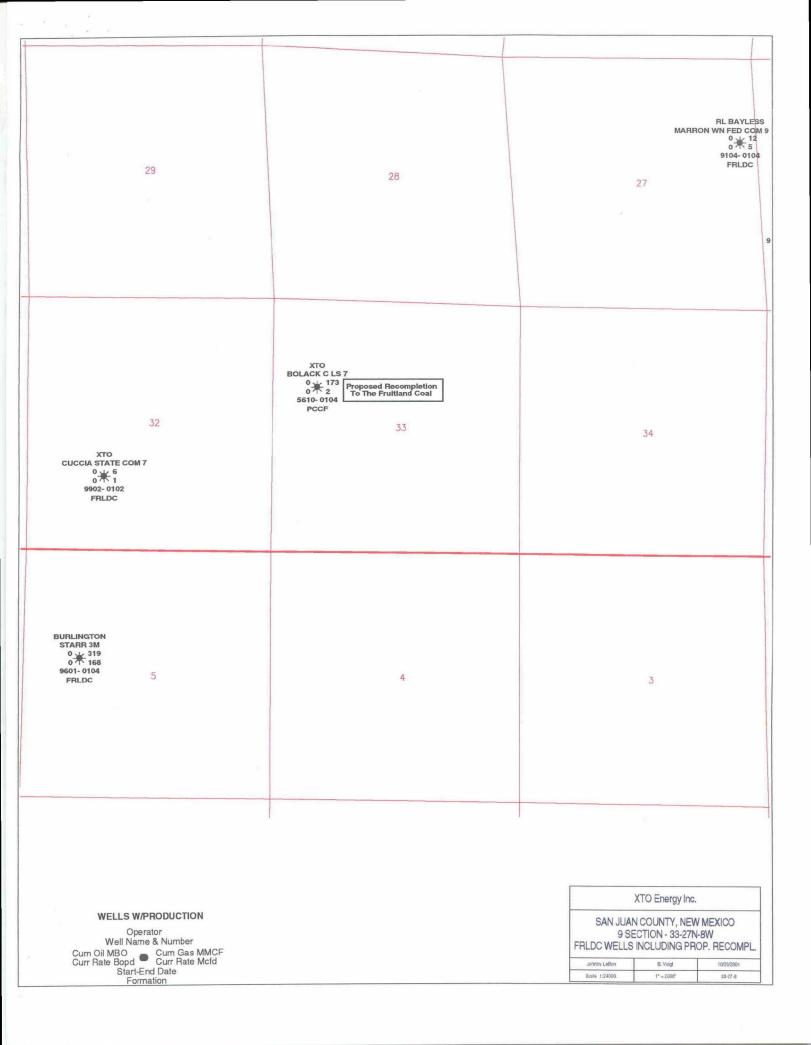
	WELL	LOCATION	AND	ACREAGE	DEDICATION	PLAT
--	------	----------	-----	---------	------------	------

1	API Numbe	:r	² Pool Code				³ Pool Name -						
30	0-045-061	143		629	Basin Fruitla	sin Fruitland Coal							
⁴ Property	Code					operty Na		⁶ Well Number					
						lack C				7			
7 OGRID						perator Na				9	Elevation *		
1670)67					Company					6.697		
Surface Location													
UL or lot no.	Section 33	Township 27N	Range 8W	Lot. Id			North/South Line North	Feet from the 918'	1	est line	County		
E 33 27N 8W 1,840' North 918' East San Juan													
Bottom Hole Location If Different From Surface													
UL or lot no.	Section	Township	Range	Lot. Id	in Feet fi	om the	North/South Line	Feet from the	East/W	est line	County		
¹² Dedicated Acre	es ¹³ Joint	t or Infill 14	Consolidation	n Code	¹⁵ Order No.		d	I	J				
320	I				1			·····		·			
NO ALLOV	WABLE V						JNTIL ALL INT			N CON	SOLIDATED		
	· · · · · · · · · · · · · · · · · · ·						<u></u>				ICATION		
			1					I hereby certify .	that the in	nformati <i>o</i> n	contained herein is		
								true and complete	e to the be	est of my k	nowledge and belief.		
	-									•			
	1,840'												
						$\left(\right)$	- 6	tra	∇				
								Signature	n saled				
								Darrin Ste	eed				
	5							Printed Name					
918'								Operations	s Engir	eer	İ		
								11/1/01					
								Date					
								18 SURVE	EYOR C	ERTIF	ICATION		
								I hereby certify t	hat the w	ell locatio	n shown on this plat ual surveys made by		
-								me or under my and correct to the b	supervisio	m, and t	hat the same is true		
								<u>June 6, 19</u>	956				
							Date of Survey			•			
								Signature and Sea		-			
								Original.	signe	6 6	٦		
								60 1	Wall	Ker			
									007	7			
								Certificate Numb		· ·			



SECTION PLAT OF 9 SQUARE MILES







November 6, 2001

CERTIFIED MAIL:

Burlington Resources P.O. Box 4289 Farmington, NM 87499-4289 Attention: Dawn Howell

RE: Request for Administrative Approval of an Unorthodox Location XTO Energy Inc.'s Bolack C LS #7 Well
1,840' FNL and 918' FWL (W/2)
Unit E, Section 33-T27N-R8W
San Juan County, New Mexico
Basin Fruitland Coal

Dear Dawn:

XTO Energy Inc.has filed the attached application for administrative approval of the above location with the New Mexico Oil Conservation Division. If you object to the application, you must file a written objection with the Oil Conservation Division within 20 days of the date the application was filed.

Sincerely, XTO ENERGY INC.

¢/ George A. Cox, CPL

Landman



November 6, 2001

CERTIFIED MAIL:

Conoco, Inc. P.O. Box 2197, DU 3078 Houston, TX 77252 Attention: Eva Rodriquez

RE: Request for Administrative Approval of an Unorthodox Location XTO Energy Inc.'s Bolack C LS #7 Well 1,840' FNL and 918' FWL (W/2) Unit E, Section 33-T27N-R8W San Juan County, New Mexico Basin Fruitland Coal

Dear Eva:

XTO Energy Inc. has filed the attached application for administrative approval of the above location with the New Mexico Oil Conservation Division. If you object to the application, you must file a written objection with the Oil Conservation Division within 20 days of the date the application was filed.

Sincerely, XTO ENERGY INC.

George A. Cox, CPL Landmar.

November 6, 2001

CERTIFIED MAIL:

Chateau Energy Inc. 5950 Berkshire Lane #275 Dallas, Texas 75225-5846

RE: Request for Administrative Approval of an Unorthodox Location XTO Energy Inc.'s Bolack C LS #7 Well 1,840' FNL and 918' FWL (W/2) Unit E, Section 33-T27N-R8W San Juan County, New Mexico Basin Fruitland Coal

Gentlemen:

XTO Energy Inc. has filed the attached application for administrative approval of the above location with the New Mexico Oil Conservation Division. If you object to the application, you must file a written objection with the Oil Conservation Division within 20 days of the date the application was filed.

Sincerely, XTO ENERGY INC.

George 4. Cox, CPL

Landman



November 6, 2001

CERTIFIED MAIL: Merchant Resources Two Greenspoint Park, Suite 380-S 16800 Greenspoint Park Drive Houston, TX 77060

RE: Request for Administrative Approval of an Unorthodox Location XTO Energy Inc.'s Bolack C LS #7 Well 1,840' FNL and 918' FWL (W/2) Unit E, Section 33-T27N-R8W San Juan County, New Mexico Basin Fruitland Coal

Gentlemen:

XTO Energy Inc. has filed the attached application for administrative approval of the above location with the New Mexico Oil Conservation Division. If you object to the application, you must file a written objection with the Oil Conservation Division within 20 days of the date the application was filed.

"一些是是关于你,这个事实不可

Sincerely, XTO ENERGY INC.

George A. Cox, CPL Landman



CERTIFIED MAIL:

Taurus Exploration USA Inc. 2198 Bloomfield Hwy Farmington, NM 87404 Attention: Rich Corcoran

RE: Request for Administrative Approval of an Unorthodox Location XTO Energy Inc.'s Bolack C LS #7 Well 1,840' FNL and 918' FWL (W/2) Unit E, Section 33-T27N-R8W San Juan County, New Mexico Basin Fruitland Coal

Gentlemen:

XTO Energy Inc. has filed the attached application for administrative approval of the above location with the New Mexico Oil Conservation Division. If you object to the application, you must file a written objection with the Oil Conservation Division within 20 days of the date the application was filed.

Sincerely, XTO ENERGY INC.

ier A. Exc George A. Cox, CPL

Landman

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY					
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature					
1. Article Addressed to: Dawn Howell	D. Is delivery address different from item 1? ☐ Yes If YES, en:er delivery address below; ☐ No					
Burlington Resources Oil & Gas Co P. O. Box 4289 Farmington, NM 87499-4289 GAC: 11/06/01:Bolack C LS #7	3. Service Type □ Certified Mail □ Express Mail □ Registered □ Return Receipt for Merchandi □ Insured Mail □ C.O.D. 4. Restricted Delivery? (Extra Fee) □ Yes					
2. Article Number 7001 0320 (Transfer from service label)	0004 8336 5107					
PS Form 3811, August 2001 Domestic Re	turn Receipt 102595-01-M-2509					
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY					
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature					
	D is delivery address different from item 12 Ves					

1. Article Addressed to:

Conoco Inc. 600 North Dairy Ashford DU 3076 Houston, TX 77079-1175 GAC: 11/06/01:Bolack C LS #7

3. Service Type Certified Mail C Registered Insured Mail 4. Restricted Delivery? (Extra Fee)

2. Article Number 7001 0320 0004 8336 5091 (Transfer from service lat

PS Form 3811, August 2001

Domestic Return Receipt 102595-01-M-2509

Return Receipt for Merchandise

Express Mail

🗆 C.O.D.

1.7

🗆 No

🗆 Yes

If YES, enter delivery address below:

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY					
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse 	A. Signature					
 so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	B. Received by (Printed Name) C. Date of Delivery					
1. Article Addressed to:	 D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No 					
Chateau Energy Inc. 5950 Berkshire Lane #275						
Dallas, TX 75225-5846 GAC: 11/06/01:Bolack C LS #7	 3. Service Type Certified Mail Registered Insured Mail C.O.D. 					
	4. Restricted Delivery? (Extra Fee)					
2. Article Number (Transfer from service label, 7001 0320 000	D4 8336 5084					
PS Form 3811, August 2001 Domestic Retu	urn Receipt 102595-01-M-2509					

 Complete items 1, 2, and 3. Also conitem 4 if Restricted Delivery is desire Print your name and address on the so that we can return the card to yos Attach this card to the back of the model. 	d. reverse B Received by	Agent Address (Printed Name) C Date of Del vi
or on the front if space permits.		dress different from item 17 Yes aelivery address below No
Taurus Exploration USA Inc. 2198 Bloomfield Hwy Farmington, NM 87404 Attn: Rich Corcoran GAC 11 06 01:Bolack CIS#7	3. Service Type □ Certified I □ Registere	Mai 🛛 Express Mail
	insured M	
2 Article Number 7001 Cransfer from service labely	0320 0004 8336	506Q
PS Form 3811, August 2001	Domestic Return Receipt	*02595-01-M-:

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY				
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse 	A. Signature				
 so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	B. Received by (Printed Name) C. Date of Delive				
 Article Addressed to: 	 D. Is delivery address different from item to D. Yes If YES, enter delivery address below. D No 				
Merchant Resources Two Greenspoint Park, Suite 380-S					
16800 Greenspoint Park Drive	3. Service Type				
Houston, TX 77060 GAC 11-06-01:Bolack C LS #7	 ☐ Certifiec Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ insured Mail ☐ C.O.D. 				
	4. Restricted Delivery? (Extra Feel Yes				
2 Article Number Transfer from service label: 7001 0323 0	1004 8336 5077				
PS Form 3811, August 2001 Domestic F	Return Receipt 102595-01-M-250				

11-13-2001



State of New Mexico OIL CONSERVATION COMMISSION

Fram

MICHAEL E. STOGNER

Memo

To

Stive Hazelin

There are three (opin)

O application filed *.....*

Nor. 8th for revice any Communit

P.C. BOX 2088 Land Office Building Banta FE, New Mexico 97501 505-827-5811

Stogner, Michael

From: Sent: To: Subject: Stogner, Michael Tuesday, November 27, 2001 4:41 PM Hayden, Steven XTO Energy NSL Applications

I will probably commence reviewing XTO's four pending applications tomorrow. Are there any comments and/or concerns?

Stogner, Michael

From: Sent: To: Subject: Hayden, Steven Wednesday, November 28, 2001 9:02 AM Stogner, Michael RE: XTO Energy NSL Applications

Mike,

I am OK with the Schwerdtfeger A #12B and the Berger # 2E. The T.L. Rhodes C #1 is OK by me except that if the rules read as they stated in the application, it would not be NSL. XTO states that the rules say a well cannot be within 150' of the center of a 1/4, 1/4 section when what the rules say is that it must be within 150' of the center.

the center of a 1/4, 1/4 section when what the rules say is that it must be within 150' of the center. On the Bolack C LS #7 application, they have an existing Mesaverde well in L-33-27N-8W, the Bolack C LS #15 that has 7 * 5/8" intermediate set at 2869' with a 5 1/2 liner at 2869_x The Fruitland Fm is from 2505'-2736' in this hole. I wonder if they considered this hole as it is a standard location.

yel

Steve Hayden NM OCD District III 1000 Rio Brazos Rd. Aztec, NM 87410 <u>shayden@state.nm.us</u> (505) 334-6178 Ext. 14 Fax: (505) 334-6170

-----Original Message-----

From:	Stogner, Michael
Sent:	Tuesday, November 27, 2001 4:41 PM
To:	Hayden, Steven
Subject:	XTO Energy NSL Applications

I will probably commence reviewing XTO's four pending applications tomorrow. Are there any comments and/or concerns?

	RTMENT OF THE INTERIOR	Budget Bureau No. 1004-0135 Expires: March 31, 1993
	DTICES AND REPORTS ON WELLS	5. Lesse Designation and Serial No. SF-079232
	posals to drill or to deepen or reentry to a different reservoir:	6. If Indian, Allottee or Tribe Name
Use "APPLIC	CATION FOR PERMIT - " for such proposals	Him 8 52
		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Dther		8. Well Name and No.
2. Name of Operator	Attention:	Bolack C LS #7
Amoco Production Company 3. Address and Telephone No.	Gail M. Jefferson, Room 1	<u> </u>
P.O. Box 800, Denver, Colorad	do 80201 (303) 830-6157	3004506143
4. Location of Well (Footage, Sec., T., R., M., or		Blanco Pictured Cliffs South
		11. County or Parish, State
1840 FNL 918 FWL	Sec. 33 T 27N R 8W Unit E	San Juan Now Mavias
		San Juan New Mexico
12. CHECK APPROPR	IATE BOX(s) TO INDICATE NATURE OF NOTI	
TYPE OF SUBMISSION	TYPE OF AC	
	Abandonmant	
Notice of Intent	Recompletion	L Change of Plans New Construction
	Plugging Back	Non-Routine Fracturing
Subsequent Report	Casing Repair	Water Shut-Off
Final Abandonment Notice	Other Return to Production	Conversion to Injection
		Note: Report results of multiple completion on Well Completion or lecompletion Report and Log form.)
the BLM approved that reque	notified you September 7, 1994 of it's intent to plug ar est on September 8, 1994. Amoco has decided not to pl ind has continued to produce.	
	_	·
		.*
	215 7 30 12 1	
14. I hereby certil that the foregoing is true and a Signed		ess Assistant Date 02-16-1995
This space for Federal or State office use		
Approved by Conditions of approval, if any:	Title	CCEPTED FOR GECORD
Title 18 U.S.C. Section 1001, makes it a crime for representations as to any matter within its jurisdict	or any person knowingly and willfully to make to any department or agency of the Un tion.	nited States any false, ficticibue, or fraudulent statements or

	· .	~~~
	2.44	
1	J₹4	الشقاف اورة

Q

District I PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 RioBrazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa F.;, NM 87505

State of New Mexico Engery, Minerals and Natural Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

AMENDED REPORT

I.	J	REQUEST	FOR A	LLOWA	BLE AND	AUTHORIZAT	FION TO T	RANSPORT	
		і Оре	² OGRID Number 167067						
	C	ROSS TIME							
		001 Highway armington, M	³ Reason for Filing Code Change of Operator 12/1/97 1(1)/98						
4 AI	PI Number				⁵ Pool 1	Name		6 Po	ol Code
30-	045-06143	3		S BL	7:	72439			
⁷ Pro	perty Code				⁸ Property		⁹ Weil Number		
				BOL	ACK C LS		7		
II. ¹⁰ Su	Irface Lo	ocation							
Ul or lot no.	ot no. Section Township Range Lot.Idn Feet from the		North/South Line	Feet from the	East/West line	County			
E	E 33 27N 08W		1840	N	918	w	SJ		
¹¹ B	ottom H	ole Locati	on						
UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County

UL or lot no.	Section	lownsnip	Kange	Lot.ian	reetI	rom me	Noru/Soun Lin	e	reet from the	Lasu we	stime	County
¹² Lse Code	ode ¹³ Producing Method Code			¹⁴ Gas Connection Date ¹⁵ C-1		¹⁵ C-129	C-129 Permit Number 16		¹⁶ C-129 Effective Date		17 C-1	29 Expiration Date
r												

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
				1969
				DEGENVED N DEC 1 9 1997

IV. Produced Water

			CONI	
²³ POD	²⁴ POD ULSTR Location and Description	णाए	Gaine 6	₩ ⊳
	· · · · · ·		0137. 3	

V. Well Completion Data

²⁶ Ready D	Jan	²⁷ TD	²⁸ PBTD	²⁹ Perforation	³⁰ DHC,DC,MC
	³² Casing an	d Tubing Size	³³ Depth Set	34 Sad	ks Cement
-		³² Casing an	³² Casing and Tubing Size	³² Casing and Tubing Size ³³ Depth Set	32 Casing and Tubing Size 33 Depth Set 34 Sac

VI. Well Test Data

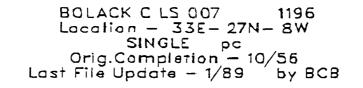
³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
with and that the information knowledge and belief. Signature:	es of the Oil Conservation Divi n given above is true and compl D, U, WWW 0. Vennerberg, II e President-Land	lete tothe best of my	Approved by: Fra	CONSERVATION DI ank T. Chavez upervisor District #3	I VISIO
Date: December	1, 1997 Phone:	(505) 632-5200			
⁴⁸ If this is a change of op	erator fill in the OGRID nu	mber and name of the pre-	vious operator	Amoco Production Compan	ογ OGRID# 000778
N. Y. F.	1 Leder	u	fferson Se	anior Administrative Staff A	ssistant 12/01/97
	vious Operator Signature	Printed	Name	Title	Date

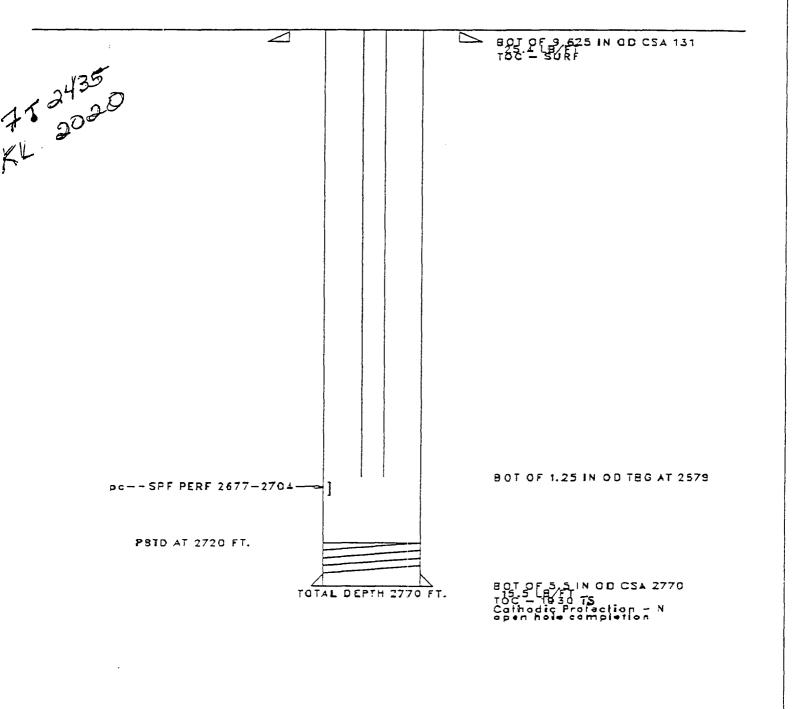
BURE	UNITED STATES ARTMENT OF THE INTERIOR AU OF LAND MANAGEMENT OIL CONSERV RECT	FORM APPROVED Budget Bureau No. 1004-0135 DIVISIONExpires: March 31, 1993
Do not use this form for pro	DTICES AND REPORTS ON WELLS posals to drill or to deepen or reentry to a different reservoir. CATION FOR PERMIT - " for such proposals	F.A. 5. SF-079232 6. If Ipdian, Allottee or Tribe Name
		7. If Unit or CA, Agreement Designation
1. Type of Well		
Oil Gas Other		8. Well Name and No.
2. Name of Operator		BOLACK C LS #7
AMOCO PRODUCTION COM	IPANY WAYNE BRANAM, RM 1220	3004506143
P.O. Box 800, Denver, Colorad	10 80201 (303) 830-4912	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., o	r Survey Description)	BLANCO PICTURED CLIFFS SOUTH
1840 FNL 918 FW	L Sec. 33 T 27N R 8W	11. County or Parish, State
		SAN JUAN NEW MEXICO
12. CHECK APPROPR	ATE BOX(S) TO INDICATE NATURE OF NOTICE	E , REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACT	
		Change of Plane New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water :: Report results of multiple completion on Well Completion or mpletion Report and Log form.]
	DECEIVED N OCT - 3 1994 OIL CON. DIV DIST. 3	CONTRACTIVED
14. I hereby certify that the foregoing is true and a signed	Title BUSINESS	ANALYST Data 090194
(This space for Federal or State office use)		APPHOVED AS AMENDED
Approved by Conditions of approvel, if any:	1ïtle	
Title 18 U.S.C. Section 1001, makes it a crime for representations as to any matter within its jurisdict	r any person knowingly and willfully to make to any department or agency of the United ion.	
Ch	* See Instructions on Reverse Side	C DISTRICT MANAGER

PXA Procedures Bolack C LS #7 ι

•.,

- 1. Check location for anchors. Install if necessary. Test anchors.
- 2. MIRUSU. Blow down well. Kill if necessary with fresh water. NDWH. NUBOP.
- 3. POOH with 1 1/4" tbg and lay down. RIH with 2 3/8" tbg and cement retainer, set retainer at 2627. Test casing integrity to 500#. Squeeze perfs at 2677' to 2704' with 32.277 cuft cement. Pull out of retainer and spot cement plug to 1900'. (151.102 cuft cement)
- 4. RIH with perf gun and shoot squeeze holes at 200' and circulate to surface. (101.04 cuft cement) Pull out and fill hole to surface with 40.08 cuft cement.
- 5. NDBOP. Cut off casing and wellhead. Install PXA marker according to BL' or State requirements.
- 6. Turn over to John Schwartz for reclamation.
- 7. Rehabilitate location according to BLM or State requirements.





			1						
DISTRICTI	Lincigy, iviti	ciais and Ni	iatural Resources Department		ent	Revised 1-1-89 See Instructions			
P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION DIVISION			N		at Botto	on of Page		
DISTRICT II P.O. Drawer DD, Artesia, NM 88210		P.O. I	Box 2088 Aexico 875				_		
DISTRICT III 1000 Rio Brazis Rd., Aziec, NM 87410		•							
Ι.	REQUEST FOR			AUTHORI	AS		ter and		J. J.c.
Operator Amoco Production Com						API No.		1	
Address			· · · · · · · · · · · · · · · · · · ·			506143	IL	$\frac{1}{13}$	989
1670 Broadway, P. O.	Box 800, Denver	, Colora	io 8020	1			011 0	IN 1 3 INBERVAT SANTA F	
Reason(s) for Filing (Check proper box) New Well	Change in Tra		0	her (Please expla	in)			ERVAT	un gry
Recompletion	Oil Dr							CAULTA F	
Change in Operator	Casinghead Gas 📋 Co								
If change of operator give name Ter and address of previous operator Ter	nneco Oil E & P,	6162 S.	Willow,	Englewood	<u>d, Colo</u>	rado 8(155	=	
IL DESCRIPTION OF WELL	, AND LEASE								
Lease Name	Well No. Por		-				L	ase No.	
BOLACK C LS	17BL/	NCO SOU	<u>CH (PICT</u>	CLIFFS)	FEDE	RAL	SF07	9232	
Unit Letter E	. 1840 Fee	t from The Fl	L Lim	e and <u>918</u>		et From The	FWL	Line	
					I'				
Section 33 Townsh	ip27N Rai	nge8W	,N	MPM,	SAN J	UAN		County	
HL. DESIGNATION OF TRAI	NSPORTER OF OIL	AND NATU	RAL GAS						
Name of Authorized Transporter of Oil	or Condensate		Address (Gi	ve address to wh	ich approved	copy of this f	orm is to be se	rd)	
Name of Authorized Transporter of Casir	aginead Gas [] OF		A dama (C)	re address to whi		l annu af this f			
EL PASO NATURAL GAS CO		Dry Cas [X]		X 1492	••			<i>u)</i>	
If well produces oil or liquids, give location of tanks.	Unit Soc. Tw	p. Rge.	ls gas actual		When				
ſ		I	 						
If this production is commingled with that IV. CONIPLETION DATA									
Designate Type of Completion	- (X)	Gas Well	New Well	Workover	Deepen	Plug Hack	Same Res'v	Diff Res'v	
Date Spudded	Date Compl. Ready to Pro	i.	Total Depth	۱۱		P.B.T.D.	l		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Format	ion	Top Oil/Gas	Pay		Tubing Dept			
Perforations	<u> </u>		1			Darah Casia			
						Depth Casin	f Duoie		
· · · · · · · · · · · · · · · · · · ·	TUBING, CA	SING AND	CEMENTI	NG RECORD)	<u></u>			
HOLE SIZE	CASING & TUBIN	G SIZE		DEPTH SET		s	ACKS CEME	NT	
			··						
]						
V. TEST DATA AND REQUE:							C 11 34 1		
OIL WELL (Test must be after 1 Date First New Oil Run To Tank	ecovery of total volume of loa Date of Test	a ou and musi	`	exceed top allow thod (Flow, pum			т јші 24 hows	·	
Length of Test	Tubing Pressure		Casing Pressu	n		Choke Size			
Actual Frod. During Test	Oil - Bbls.		Water - Bbls.			Gas- MCF			
GAS WELL					/-				
Actual Prod. 7 est - MCF/D	Length of Test		Bbis. Condens	ate/MMCF	·····	Gravity of Co	ndensale		
esting Method (pilot, back pr.)	Tubing Pressure (Shut-in)		Casing Pressu	re (Shut-in)		Choke Size		·	
- · · · ·									
VI. OPERATOR CERTIFIC Thereby ce tify that the rules and regul			C	DIL CONS	SERVA		DIVISIO	N	
Division have been complied with and	that the information given abo		-						
is time and complete to the best of my l	nowledge and belief.		Date	Approved	M	AY 08 1	980		
4. L. Hum	ston								
Supature	· · · · ·	- · • - · - · • • • · · · · · · · · · ·	By		مه	2. Cha	~ /		
J. L. Hampton Sr Printed Name	<u>Staff Admin. S.</u> Tide		Title	\$1	UPERVI	SION DIS	TRICT #	3	
Janaury 16, 1989	303-830-	5025	Title						
Date	Telephone	NO.	1						

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C 104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION COMMISSION

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BOX 697

120 EAST CHACO

AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE <u>May 7. 1957</u>

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM

THEEl Pase	<u>Detural Cas Cormany</u> OPERATOR	
Polack 7-C	E WELL UNIT	<u>33-27 - 3</u> S-T-R
South Blanco Pictured Cliff	El Caso att	wel Germany ME OF PURCHASER
AS MADE ON Max 3, 1957 DATE	, FIRST DELIVERY	May 3, 1957 Date
277 MCF/D INITIAL POTENTIAL		
	El Pas Purchaser	aturnl las Company
		an a
	REPRESENTA Chief	Dispatcher
	TITLE	
C: TO OPERATOR OIL CONSERVATION COMMISSION - SANTA F		

F. N. WOODRUFF - EL PASO B. D. ADAMS

FILE

NEW MEXICO OIL CONSERV Santa fe, new	
(File the original and 4 copies with the	e appropriate district office)
CERTIFICATE OF COMPLIANC TO TRANSPORT OIL AND	-
Company or Operator El Paso Natural Gas Com	mpany Lease Bolack
Well No. 7-2 Unit Letter E S 33 T 27	N R ^{&W} Pool So. Blanco F.C.
CountyKind of Lease (S	State, Fed. or Patented)
If well produces oil or condensate, give location	
Authorized Transporter of Oil or Condensate $\underline{\mathbb{E}}^{\mathbb{E}}$. Paso Natural Gas Products Co.
Address	
Authorized Transporter of GasElAddressBo	ox 997, Farmington, N.M.
(Give address to which approved co	
Reasons for Filing: (Please check proper box) Change in Transporter of (Check One): Oil () Change in Ownership() Remarks:	
The undersigned certifies that the Rules and Remission have been complied with. Executed this the <u>5</u> day of <u>November</u> 19	۰ ۲۰۰۰ ۲۰ _{۵ (۱۰} ۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰
Approved19	Title Petroleum Engineer
OIL CONSERVATION COMMISSION	Company El Fasc Matural Gas Co.
1 All the All Share provention	Boy 997 Jarmington, N.M.
By	Address
Title	

•

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT					Form C-104 Revised 10-01-78
NO. OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S.		DNSERVATION P.O. BOX 208 TA FE, NEW MEX	8	6	Format 06-01-83 Page 1
LAND OFFICE TRANSPORTER OIL GAS OPERATOR	REC		OWABLE		
	AUTHORIZATION TO	AND) TRANSPORT (OIL AND NATURA	LGAS	
I					· • - · · · ·
Operator Tenneco Oil Company E & P	WRMD-				i s m
Address P. O. Box 3249, Englewood	, CO 80155				35
Reason(s) for filing (Check proper Dox) New Well Change in Transpo Recompletion Oil	orter of:	Gas	Other (Please expla	in)	
Change in Ownership Casinghead	Gas 🛛 🗴 Con	densate	Well Na	ne	
If change of ownership give name E1 Pa and address of previous owner II. DESCRIPTION OF WELL AND LEASE Lease Name Bolack C LS	Well No. Pool Name. In	cluding Formation	K	ind of Lease tate. Federal or Fee	SA Lease No.
	/ 50. 8	lanco-PC			SF079232
Unit Letter E 1840) Feet From Th	eN	Line and	918 Feet From	1 TheW
Line of Section 33 Too	winship 27N	Range	8W	, NMPM. San	Juan County
III. DESIGNATION OF TRANSPORTER (Name of Authorized Transporter of Oil or Condensati			Cup oddago to ubob or	pproved copy of this form is to	
Conoco Inc. Surface Transp	••				
Name of Authorized Transporter of Casinghead Gas				Hobbs, NM 882	
El Paso Natural Gas		P.	0. Box 4990	, Farmington,	NM 87400
Unit If well produces oil or liquids. give location of tanks.	Sec. Twp. 33 27N		ictually connected?	When	
If this production is commingled with that from any other le	ase or pool, give commingling	order number			
NOTE: Complete Parts IV and V on reve					
VI. CERTIFICATE OF COMPLIANCE I hereby certify that the rules and regulations of the Oil C	onservation Division have be				
with and that the information given is true and complete			Frank	I. Java	, , , , ,
hot Milun		TITLE		Ò	STIDEBAROCH DISTRICT M
(Signature)			form is to be filed in com is is a request for allowat		bened well, this form must be accom-

Sr. Regulatory Analyst

SEP

(Title) 1 <u>1</u>

(Date)

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted walks. Fill out only Section I. II. III, and VI for changes of owner, well name and or number, or transporter.

or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well

(Form C-104) (Revised 7/1/52)

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

				Farmington, N.	M. No	vember 5, 1956
_				(Place)		(Date)
WE ARE	o Naturs	' REQUESTI	NG AN ALLOWABLE FO	OR A WELL KNOW	NAS:	ъ т Х
(Company or	Operator)	any Bols	, Well No	in	
E	• •	Sec	(Lease , T27N , R	NMPM. Sc	Blanco P.C.	Pool
-						
			County. Date Spudded	(=2L= <u>2</u> 0	Date Completed	10-0-56
Pl	ease indica	te location:	_			
D	С	B A	Elevation 6697'		2770',2	pg C.O. 27201
E X	F	G H		2677' (Perf. Name		
A			Casing Perforations:	2677-2704		or
L	К	JI	Depth to Casing sho	e of Prod. String	2770'	
M	N	U P	Natural Prod. Test			BOPD
	L		based on	bbls. Oil in	Hrs	Mins.
1840	'N, 918'	A.	Test after acid or she	D t.		BOPD
Casi	ng and Com	mating Record				
Size	Feet	Sax	Based on	bbls. Oil in	Hrs	Mins.
9 5/8)" 12	1.' 100	Gas Well Potential.	276.8	MCF/D.	
5 1/2	2" 2760	0 ' 150	Size choke in inches.	3/4"		
	Io tub:	ing.	Date first oil run to t	anks or gas to Transmi	ssion system:	Pipeline
	_		Transporter taking C	Dil or Gas: El Pa	iso Natural Ga	s Company
·		·	1		Fe	
Remarks:						
					 4	
······	·····	• • • • •				
			mation given above is true	El Dado	o Natural Gas	
Approved.	•••••••••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·	, 19	······	Company or Operate	· · · · · · · · · · · · · · · · · · ·
C	DIL CONS	ERVATION	COMMISSION	By: W. Y	. Court	Contraction of the second s
-				2,	(Signature)	
By:	1 5	\sim	- j a la	1 Itle	um Engineer	
Title	• •				munications regard	ing well to:
				E。J。(Name	;oeT	
				Address Box 99	7, Farmington,	N.M.

ILLEGIBLE

Form 9-330

Z LOCATE WELL CORRECTLY Budget Bureau No. 42-R355.4. Approval expires 12-31-60.

U.S. LAND OFFICE Santa Fe SERIAL NUMBER 079232 LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 297, Farmington, New Mexico Lessor or Tract Bolack Field Jo. Blanco State ley Mexico Well No. 7-C. Sec. 33. T. 2111 R. M. Meridian MPM. County San Juan Location 1840 ft. S. of Line and 918 ft. E. of Line of Section 33 Elevation 5707! The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records. Date Hovember 5, 1955 Title Fetroleum Engineer The summary on this page is for the condition of the well at above date. OIL OR GAS SANDS OR ZONES (Denote gas by G) No. 1, from 2675 to 2770. (C) No. 4, from to No. 2, from to No. 5, from _____ to _____ No. 3, from to No. 6, from to IMPORTANT WATER SANDS No. 1. from _____ to _____ No. 2, from to No. 4, from _____ to CASING RECORD Perforated Weight per feot Threads per inch Size Amount Kind of shoe + Cut and pulled from Make Purpose casing From-To---25-4 121! Howco-5,42 Surface J-55. 27501 Baker <u>2 9D</u> Prod. Ust. MUDDING AND CEMENTING RECORD Size casing Number sacks of cement Method used Where set Mud gravity Amount of mud used

S. C

PLUGS AND ADAPTERS

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auapters	1 a vc1 1a 1		SHOOTING			
Size	Shell us:d	Explosive used	Quanti	ity Date	Depth shot	Depth cleaned out
		680.₩~].]	History			
		<u> </u>	TOOLS			
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	-			-	-	% was oil;%
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				Gallons gas	oline per 1,000 d	cu. ft. of gas
		per sq. in.				
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		, D	riller			, Driller
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FORMATION RECORD—Continued

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UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OP GAS WELL

3vg. tr. pr. 1800	Injection re	te 90.9 I	PA. Flush	3200	gallons.	
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Т.«П.Ко						
Lesser of Trass			THE TANK		Stal	
Company			Address			
0			1 1 2			
LOCATE WELL CORRECT	17.					

HISTORY OF OIL OR GAS WELL	6430942	U. B. GOVERNMENT PRINTING OFFICE
It is of the greatest importance to have a complete history of the well. Please state in det with the reasons for the work and its results. If there were any changes made in the casing "sidetracked" or left in the well, give its size and location. If the well has been dynamited, gi of shots. If plugs or bridges were put in to test for water, state kind of material used, position,	, state fu ve date,	illy, and if any casing was size, position, and number

16-4-56 T.D. 2770'. C.O.T.L. 2720'. Water fractured Pictured Cliff perf. int. 2577-2704 with 35,500 gal, water & 40,000 sand. EDB 2100%, max. pr. 2100%,

	-		444 - 1 1 1 1 1 1 1 1	n go ngo na na na na Tang ting ngo ngo ngo ngo ngo Tang ting ngo ngo ngo ngo ngo ngo ngo ngo ngo n	8 T		
		HISTORY	OF OIL O	R GAS WEI	16-43094-2 L	U. S. GOVERNMENT PRINTING OFFICE	
It is of the g	reatest importance	to have a complete	history of the	well. Please st	ate in detail the d	ates of redrilling, togethe	er

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ENDER VEREINE ENDER VEREINE ELECTION

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		Bud Apr	iget Bureau No. 42-R358.4. proval expires 12-31-60.
Form 9-{ 31 a (Feb. 1%)1)		Land Office	Santa Fe
	(SUBMIT IN TRIPLICATE)		079232
	UNITED STATES	Lease No	Bolack
	DEPARTMENT OF THE INTERIOR	Unit	
	GEOLOGICAL SURVEY		

NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO PULL OR ALTER CASING	1	SUPPLEMENTARY WELL HISTORY.	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

							Noves	iber	5,	, 19_	56
Well No.	7~C	is located	1840	ft. from	N line and	1 918	ft. from	E	x line of s	sec.	3
NV Section			275	3	NGCZ	MAPH		[W]			
64 Sec. an '50. Blanct	d Sec. No.))	(Twp.)		^(e) an Lian	(Merid	ian)	New	Mexic	0	
(Fi	eld)			(County or Sub	division)		(Sta	te or T	erritory)	•••••	

The elevation of the derrick floor above sea level is <u>6707</u> ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

10-4-55 Total Depth 2770'. Plug back T.D. 2720'. Water fractured Pictured Cliff performted intervals 2577-2704 with 38,500 gallons water and 40,000# anad. Breakdown pressure 2100%, maximum pressure 2100%, average trouting pressure 1800%. Injection rate 00.9 BFM. Flush 3200 gallons.

ILLEGIBLE

I understand th	at this plan of work must receive approval in writing by the	Geological Surv	ey before operations may be commenced.
Company	21 Paso Natural Gas Company		
	Box 997		
	Faralagton, New Mexico		Original Signed W. F. Covert
		Title	Petroleum Ingineer

U.S. GOVERNMENT PRINTING OFFICE : 1956-0-393560

A 001 -		Bud Appi	get Bureau No. 42-R358.4. roval expires 12-31-60.
Form 9-331a (Feb. 1951)	(SUBMIT IN TRIPLICATE)	Land Office	Santa Po
		Lease No.	CT222
	UNITED STATES	Unit	
	DEPARTMENT OF THE INTERIOR	UML	
	GEOLOGICAL SURVEY		

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

								ina i	religion -	₹ .		, 19)
Well	No		is located	_City	ft. from	N S-line	and	·	_ ft. from		z line of a	sec	ڈ
	- 1. The Stations			997 14 - 14		() . Mr		นิยุรี.		()			
•••	(14 Sec. and	Sec. No.) .	(Twp.)	(F	Range)		(Mer	idian)				
•	Seciel and a second					ليتعدد المتقادين					· ··· · ···	.*	
	(Fie	ld)		•• • • • • • • • • • • • • • • • • • • •	(County or	Subdivision)			(St	ste or T	erritory)		

The elevation of the derrick floor above sea level is ______ ft.

DETAILS OF WORK

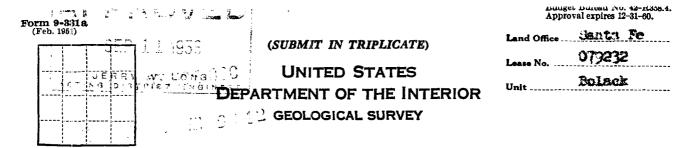
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

and the man of a a - 1. Sound in the light المتادة أملوكا فالاعتمار الألمان بالاستان متكافئة المتكامين محملات وأنجافي والدور والمتكمون والمتك LAN AND THEAT ADDRESS SITTLE SAME IS ATTACK. ala she ji santanta.

ILLEGIBLE

I understand	I that this plan of work must receive approval in writing b	y the Geological S	urvey before operations may be commenced.
Company			
	. Nation (2014)		
Address	a a the may former a with the second	By	Ungenel Signad W. F. Guvers
			2027. Jaki wa wajiyo wakili 17

U.S. GOVERNMENT PRINTING OFFICE : 1956-O-393560



NOTICE OF INTENTION TO DRILL	PLANS	SUBSEQUI	ENT REPORT OF WATER SHU ENT REPORT OF SHOOTING	OR ACIDIZING	مدر.	<u> </u>
NOTICE OF INTENTION TO TEST WAT NOTICE OF INTENTION TO RE-DRILL NOTICE OF INTENTION TO SHOOT OF NOTICE OF INTENTION TO PULL OR	OR REPAIR WELL	SUBSEQUI	ENT REPORT OF ALTERING O ENT REPORT OF RE-DRILLIN ENT REPORT OF ABANDONMI ENTARY WELL HISTORY	G OR REPAIR		
NOTICE OF INTENTION TO ABANDON						
(INDIC)	TE ABOVE BY CHECK		ORT NOTICE OR OTHER DAT	A)		
(INDIC/	TE ABOVE BY CHECK I	MARK NATURE OF REP	PORT, NOTICE, OR OTHER DAT	••••••••••••••••••••••••••••••••••••••	3	19
(indica Well No			July 4	L	·····,	
	ted <u>1640</u> ft. f	from {N Sik	July 4	L	·····,	

The elevation of the derrick floor above sea level is 5007. ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

in 7-25-56. Total Depth 2770'. Inn % joints > 1/2", 19.5%, J-55 casing (2760') set at 2770' with 75 secks regime depent, 75 secks openix, 4% Sel, 1/2# Flocels/Sk. Jal: 1000% for 30 minutes. Top of essent by respecture survey at 1930'.

ILLEGIBLE

I understand	that this plan of work must receive approval in writing by the	Geological	Survey before operations may be commenced.
Company	al Pase stural Gas Company		······
Address	Buat 997		
	Farmington, an invite	Ву	Reil-
		Title	Potrolaus Ingineer
	U. S. GOVERNMENT PRINTING OFFICE	16-8437-6	

o rm 9-331a (Feb. 1351)		Land Office	Senta Fe
	(SUBMIT IN TRIPLICATE)	Lease No.	079232
	UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	Unit	Belack

NOTICE OF INTENTION TO DRILL		· 11 · ·	IENT REPORT OF WATER S		
NOTICE OF INTENTION TO CHANGE	PLANS	SUBSEQU	ENT REPORT OF SHOOTIN	G OR ACIDIZING	»
NOTICE OF INTENTION TO TEST WA	TER SHUT-OFF	SUBSEQU	ENT REPORT OF ALTERING	G CASING	
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	CUREROU	CUT DEPOOT OF DE DOUL		1
NOTICE OF INTENTION TO SHOOT O	RACIDIZE	SUBSEQU	ENT REPORT OF ABANDON	IMENT.	
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEM	ENTARY WELL HISTORY	IND ON REPAIR	The section
NOTICE OF INTENTION TO ABANDON	I WELL				ald V.
				i and all its	
(E L'A	
				June 25,	• • • • • • • • • •
Well No. <u>1-C</u> is loca				June 25,	• • • • • • • • • •
Well No. <u>7-9</u> is loca	ited <u>1:40</u> ft. f	from. [N] line a		June 25,	• • • • • • • • • •
Well No. <u>1-C</u> is loca W Bectica 33 W Sec. and Sec. No.)	ited <u>1:40</u> ft. f <u>279</u> (Twp.)	from [N] H H (Range)	and 213 ft. (roc ESPIN (Meridian)	June 25, w_{W}^{MM} line of sec. 2	• • • • • • • • • •
Well No. <u>7-9</u> is loca	tted 1:40 ft. f 273 (Twp.)	from [N] JN (Range)	and 213 ft. (roc ESPIN (Meridian)	June 25,	• • • • • • • • • •

The elevation of the derrick floor above sea level is 5707 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is incended to drill a well thru the Pictured (liff formatico using rotary tools and to perform te and water fracture possible producing zones. Estimated T.D. 2160'.

Casin, Frogram:

9 5/6" at 120' with 125 sacks regular coment circulated to surface. 5 1/2" at 2160' with 75 sacks regular coment, 75 sacks Persix.

The M/4 of Section 33 is dedicated to this well. $M/4_{\pm} \approx 0.075232$.

ILLEGIBLE

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company 7 Post internal iss detroint

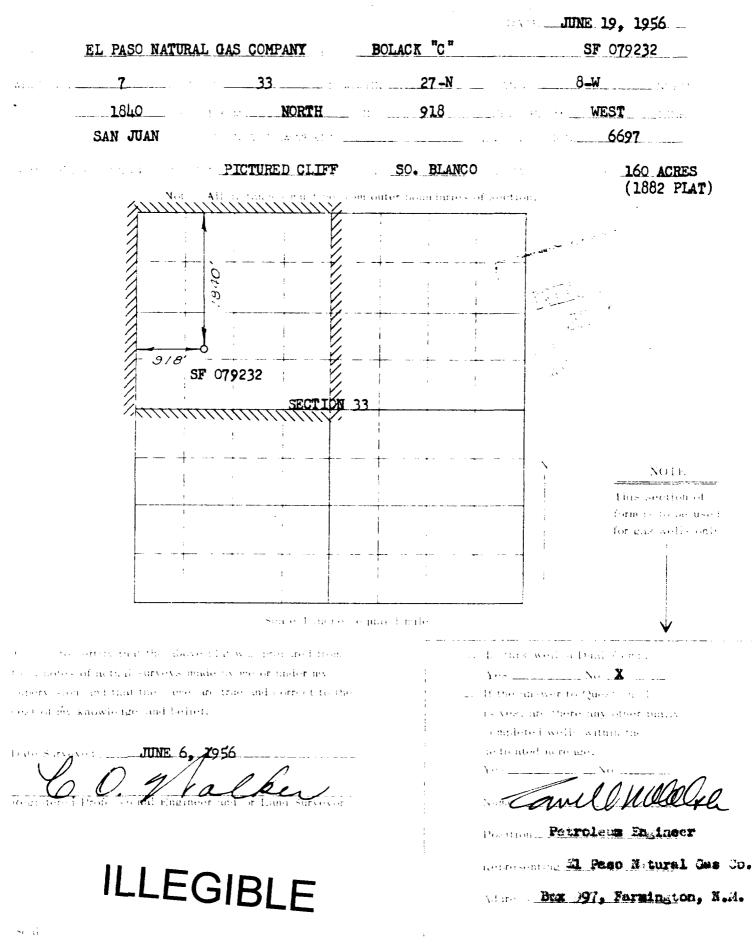
Address of 297

Termin ton, New Mexico

Title Petroleus nineer

D. S. GOVERNMENT PRINTING OFFICE 16-8437-5

WELL LOCATION AND OR GAS PRORATION PLAT



District I PO Box 1980, Hobbs, NM 88:241-1980

District II 811 South First, Artesia, NM 88210

District III 1000 RioBrazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Engery, Minerals and Natural Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe, NM 87505

AMENDED REPORT

REQUEST	FOR ALLOWABLE AND AUTHORIZA	TION TO TRANSPORT
¹ Operat	tor name and Address	² OGRID Number
CROSS TIMBE	RS OPERATING COMPANY	167067
6001 Highway Farmington, NN	64	³ Reason for Filing Code Change of Operator 12/1/97 1/1/98
API Number	⁵ Pool Name	6 Pool Code
30-045-061 27	BLANCO MESAVERDE	72319
7 Property Code	⁸ Property Name	⁹ Well Number
	BOLACK C LS	15

¹⁰ Surface Location II.

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	33	27N	08W		1800	S	1180	w	SJ

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Lin	ne	Feet from the	East/We	st line	County
¹² Lse Code	¹³ Producing Method Code ¹⁴ Gas C		Connection D	ate ¹⁵ C-12	Permit Number	16	C-129 Effective l	l Date	¹⁷ C-1	29 Expiration Date	
F											

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	22 POD ULSTR Location and Description
				DECEIVEN
IV. Deciderad We				N DEC 1 9 1997
IV. Produced Wa		24 POD ULSTR I		OIL COM DIV

IV. Produced Water	ூ	CON
²³ POD ²⁴ POD ULSTR Location and Description ²³	enta-	DIST. 3

Well Completion Data v

²⁶ Ready Date	27 TD	²⁸ PBTD	²⁹ Perforation	³⁰ DHC,DC,MC
³² Cas	ing and Tubing Size	³³ Depth Set	34 Sac	ks Cement
		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
		26 Ready Date 27 TD 32 Casing and Tubing Size		

VI. Well Test Data

³⁵ Date New Oil ³⁶ Gas Delivery Date		³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴¹ Choke Size ⁴² Oil		44 Gas	⁴⁵ AOF	⁴⁶ Test Method
with and that the informatic knowledge and belief. Signature: Printed Name: Vaugh	ales of the Oil Conservation Divis on given above is true and comple	ete tothe best of my	Approved by: Fra Title: Sup	 ONSERVATION DI nk T. Chavez pervisor District #3	
Title: Sr. Vic	ce President-Land		Approval Date:		
Date: December	1, 1997 Phone:	(505) 632-5200			
⁴⁸ If this is a change of o	perator fill in the OGRID nur	mber and name of the pre-	vious operator A	Amoco Production Compan	y OGRID# 000778
	Retest and a	Gail Je	fferson Ser	nior Administrative Staff As	ssistant 12/01/97
	evious Operator Signature	Printed		Title	Date

-	
	Form 3160-5
	(June 1990)

UNITED STATES

.

FORM APPROVED

	RTMENT OF THE INTERIO		Expires: March 31,	
			5. Lease Designation and Serial No.	
	DTICES AND REPORTS ON posels to drill or to deepen or reentry to		SF-079232	
•	CATION FOR PERMIT - " for such prop		6. If Indian, Allottee or Tribe Name	
			7. If Unit or CA, Agreement Designation	'n
1. Type of Well Oil Kell Other Well Well Other			8. Well Name and No. /	
2. Name of Operator	Attentio	n:	Bolack C LS	15
AMOCO PRODUCTION COM		chuleta	9. API Well No.	
3. Address and Telephone No.		303-830-5217	30 34 50 6 1 2 7	
P.O. BOX 800 DENVER, CO			10. Field and Pool, or Exploratory Area Blanco Mesaver	rdo
4. Location of Well (Footage, Sec., T., R., M., o	•		11. County or Parish, State	
1800' FSL 1180' F	WL Sec. 33 T 27N R	8W UNIT L		
				IEW MEXICO
	ATE BOX(S) TO INDICATE N			<u> </u>
TYPE OF SUBMISSION		TYPE OF ACTIO	N	
	Abendonmer	~	Change of Plans	
Notice of Intent			New Construction	
Subsequent Report	Plugging Bac		Non-Routine Fracturing	
			Water Shut-Off Conversion to Injection	
Final Abandonment Notice	Other Bee		Dispose Water	and the second
			Report results of multiple completion on Well C eletion Report and Log form. }	ompletion or
	(Clearly state all pertinent details, and give pertinent of s vertical depths for all markers and zones pertinent to		rting any proposed work . If well is directional	ly drilled, give
	hy has cancelled pland to repair the a			
	y has cancelled pland to repair the a	above wen.		
	and the second	المحمد المعالم المعالم المحمد المحمد والمعالية والمحمد المعالية المحمد المعالية المحمد المعالية المحمد المحمد ا		
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		50000) FIT 2:	
	IVI IVI	JUN 3 0 1997		
	0	MR COLNO DUV	0	
	0	IL CON. DIV DIST. 3		
		an a		
14. hereby certify that the foregoing is true and	correct A			
far lack		itte Staff Ass	ACCEPTED FOR RECU	8-1997
Signed (1.100 (1.100)	The second secon	itle	Date	
(This space for Federal or State office use)			JUN 26 1997	
Approved by	т	itle	Dete	
Conditions of approval, if any:	<u></u>		FARMINGTON DISTRICT OFF	ICE
Title 18 II S.C. Section 1001 makes it a crime for	or any person knowingly and willfully to make to any e	denastment or anapose of the Linited C		
representations as to any matter within its jurisdic		Dependment or agency of the United S		

DEPARTMENT (O STATES OF THE INTERIOR ID MANAGEMENT	FORN APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
SUNDRY NOTICES AN	ID REPORTS ON WELLS	5, Lease Designation and Serial No.
	•	SF-079232
	r to deepen or reentry to a different reservoir. PERMIT - " for such proposals	6. If Indian, Allottee or Tribe Name
USE AFELICATION FOR		12: 37
	UTO Maninasiú	7. If Unit or CA, Agreemant Designation
1. Type of Well Oil Oil Gee Well Other		
		8. Well Name and No.
2. Name of Operator	Attention:	Bolack C LS 15
Amoco Production Company	Pat Archuleta, Room 1205C	
3. Address and Telephone No.	(303) 830-5217	3004506127
P.O. Box 800, Denver, Colorado 80201		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description	1	Blanco Mesaverde
		11. County or Parish, State
1800'FSL 1180FWL 5	Sec. 33 T 27N R 8W Unit L	Car Ivan New Mavies
		San Juan New Mexico
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment Recompletion	Change of Plans
	Plugging Back	Non-Routine Fracturing
Subsequent Report	Casing Repair	Weter Shut-Off
	Altering Casing	Conversion to Injection
Final Abandonment Notice	X Other	Dispose Water
		: Report results of multiple completion on Well Completion or npletion Report and Log form.)
If you have any technical questions please	e contact Mark Rothenberg at (303) 830-56	112.
14. I hereby certify that the foregoing is true and correct Signed Lan Lichard	Title Cle	ork
Approved by	Title	Date
Conditions of approval, if any:		A ~ P P' V ED
ille 18 U.S.C. Section 1001, makes it a crime for any person knowing epresentations as to any matter within its jurisdiction.	gly and willfully to make to any department or agency of the United	Chie Hander
	* See Instructions on Reverse Side	fer

Wellname: Bolack C LS 15

Page 2 9/23/96

- F

Suggested Procedures:

- 1. Contact Federal or State agency prior to starting repair work.
- 2. Install and/or test anchors on location.
- 3. MIRUSU. Check and record tubing, casing and bradenhead pressures. Blow down well and kill well, if necessary, with 2% KCL water. ND wellhead. NU and pressure test BOP's.
- 4. Trip and tally out of hole with tubing. Check condition of tubing and replace perforated and bad joints as needed. (REPLACE ALL PERFORATED JOINTS)
- 5. Correlate to Schlumerger Electric log dated 5/24/58 and RIH with perforating gun and perforate the following intervals with 2 JSPF:

5050'-5063' 5070'-5096'

4. 4

- 6. RIH with 2 3/8" tubing and clean out to PBTD of 5196. Land tubing at depth of 5088', 1/2 mule shoe on bottom and SN 1 jt off bottom.
- 7. Rig down and move off service unit.

If problems are encountered, please contact: MARK ROTHENBERG (W) (303) 830-5612 (H) (303) 841-8503 (P) (303) 553-6448 ŕ

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31 8	MESAVERDE	s /==-1	1760		· · · · · · · · · · · · · · · · · · ·
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11300			2350	Cemeni 1750.0 - 2936.0	
11300 -			2400 -	186: 2,375 4.7# J-55 EUE TC -/	
11400 4 1 1444 1	Production Casing 1		2450		
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1600 -			2500,= 		
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2300	Comeni Squeeze 2168.0 - 2798.0		重频 指形过来算	Pārt 2776 0 - 2798 0 -/	
1.1 81	Cement 1750.0 - 2936.0		12050 -		
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3500	Hole Size 6.250		4900 -		
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(3700 - 11) / 7 13800 -				j 🛃	
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13000 2				Production Liner 1	
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4600			4 6160		
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16200			6250.4	••••••••••••••••••••••••••••••••••••••	
10.2519.05.01	Port 5112.0 - 5136.0 -/		u ARMAN		
1,5300 -	Plugbeck 2	·	(

– Submit 5 Copies Appropriate District Office <u>DISTRICT 1</u> P.O. Box 1980, Hobbs, NM 88240 DISTRICT II			linerals	and Nati	ew Mexico Iral Resourc	-				Form C- Revised 1 See Instr at Botton	-1-89 uctions
P.O. Drawer DD, Artesia, NM 88210		Sa	nta Fe.	P.O. Bo New Me	ox 2088 exico 8750	4-2088	ĺ				
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410		JEST FO	OR AL	LOWAE		AUTHO		ON			
I. Operator		<u>TO THA</u>	NSPC	DRIOL	AND NA	IURAL		Well A	PI No.		<u> </u>
AMOCO PRODUCTION COMPA	NY								50612700		
P.O. BOX 800, DENVER,	COLORAI	00 8020	1								
Reason(s) for Filing (Check proper box) New Well		Change in	Transpor	ter of:	Ouh	er (Please et	xplain)				
Recompletion	Oil Casinghea	X	Dry Gas Condens								
If change of operator give name	Casingnea		Condens							- <u>-</u>	
and address of previous operator	AND LE	ASE			<u> </u>						
BOLACK C LS		Well No. 15	Pool Na BLAN	me, Includi CO MES	ng Formation AVERDE (PRORAT	ED GA	Kind of State, F	Lease ederal or Fee	Lei	se No.
Location L Unit Letter	. :	800	Feet Fro	m The	FSL	e and	1180	Fce	t From The	FWL	Line
33 Section Township	271	1	Range	8W	. NI	мрм,			JUAN		County
											county
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil		or Conden			• • • • • • • • • • • • • • • • • • • •	e address to	which ap	proved (copy of this form	s so be sen	<i>ı</i>)
MERIDIAN OIL INC. Name of Authorized Transporter of Casing	head Gas		or Dry C]]as []	3535 EA	ST 30T	H STRI	EET,	FARMINGT	ON, NM	87401
EL PASO NATURAL GAS COL		·			P.O. BC	X 1492	, EL J		<u>TX 799</u>		·/
If well produces oil or liquids, give location of tanks.	Unit	Soc.	Twp.	Rge.	Is gas actuall	y connected	?	When	1		
If this production is commingled with that f IV. COMPLETION DATA	rom any ot	ner lease or	pool, give	comming	ing order num	ber:			·····		
Designate Type of Completion	- (X)	Oil Well	0	as Well	New Weil	Workover	r Do	epen	Plug Back Sa	inie Res'v	Diff Res'v
Date Spudded		_1 pl. Ready to	Prod.		Total Depth	I		l	P.B.T.D.		L
Elevations (DF, RKB, RT, GR, etc.)	Name of I	roducing Fo	mation		Top Oil/Gas	Pay			Tubing Depth		
Perforations					•	• •					
Periorations									Depth Casing S	Si oe	
	T				CEMENTI	NG RECO				CKS CEME	· · · · · · · · · · · · · · · · · · ·
HOLE SIZE	C A	SING & TU	JRING 2			1			Comments of the second s	CKS CEME	<u>NI</u>
						1 B 1 1	AUG2	319	30		
							1 68	N.	DIV.		
V. TEST DATA AND REQUES OIL WELL (Test must be after r				il and musi	be equal to or	exceed top		for this	depth or be for	(JI 24 how	s.)
Date First New Oil Run To Tank	Date of T		<u> </u>		Producing M						
Length of Test	Tubing Pr	essure	·		Casing Press	ure			Choke Size		
Actual Prod. During Test	Oil - Bbls	•			Water - Bbls		<u></u>		Gas- MCF		
	<u> </u>										·····
GAS WELL Actual Prod. Test - MCF/D	Length of	Теы			Bbls. Conder	sale/MMCI	F		Gravity of Co	icensale	
Festing Method (pilot, back pr.)	Tubing Pi	essure (Shu	l-in)	······	Casing Press	ure (Shut-in)	<u> </u>	Choke Size		
						`				.	
VI. OPERATOR CERTIFIC I hereby certify that the rules and regul				ICE			DNSE	RV		IVISIC	N
Division have been complied with and is true and complete to the best of my	that the info	ormation giv				e Appro			AUG 23		
D. J. Shey								7	$\sim \mathcal{A}$. /	
Signature Doug W. Whaley, Staff Printed Name	E Admin	. Supe	rviso Tule	r	By_		S			STRICT	13
July 5, 1990		· · ·			Title				- · · · · · · · · · · · · · · · · · · ·		
			1			الرايجين ا			All and a second second	1 1 2 1 A 43 2 4	

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

P.O. Box 1980, Hobbs, NM 88240			ATTON DIVIC		,	Revised 1-1-89 See Instructions at Bottom of Page
DISTRICT II P.O. Drawer DD, Artesia, NM 88210		P.O ,	ATION DIVIS Box 2088 Mexico 87504-2088			Estrar-
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 8741 I.	REQUEST FO	R ALLOW/	BLE AND AUTH	ORIZATION	J	JUN 1 OIL CONSERV SANTA
Operator				Wel	I API No.	JUN 1
Amoco Production Com Address	· · · · · · · · · · · · · · · · · · ·	. <u> </u>			4506127	0// 001
1670 Broadway, P. O. Reason(a) for Filing (Check proper box		r, Colora	do 80201	explain)		SUNSERU
New Well	Chaoge in Tr Oil D Casinghead Gas C					
If change of operator give name and address of previous operator Te	nneco Oil E & P,	<u>6162 S.</u>	Willow, Engles	wood, Cold	orado 801	55
II. DESCRIPTION OF WEL		ool Name, Inclu	ling Formation			Lease No.
BOLACK C LS		LANCO (ME	-	FED	ERAL	SF079232
Location Unit Letter	:1800Fe	eet From The <u>F</u>	SL Line and 11	801	Feet From The	WL Lise
Section 33 Towns	hip27N Ra	ange8W	, NMPM,	SAN .	JUAN	County
III. DESIGNATION OF TRA				<u> </u>		
Name of Authorized Transporter of Oil CONOCO	or Condensate	۴ 💭	Address (Give address) P. O. BOX 142			
Name of Authorized Transporter of Cas	inghead Cas 🔄 or	Dry Gas [X]	Address (Give address			
EL PASO NATURAL GAS C	OMPANY Unit Sec. TV	wh I Ree	P. O. BOX 1492 is gas actually connecte			78
give location of tanks.					• ·	
If this production is commingled with the IV. COMPLETION DATA Designate Type of Completion	Oil Well	Gas Well	New Well Workove	tr Deepen	Plug Back S	ame Res'v Diff Res'v
Date Spudded	Date Compl. Ready to Pre) od.	Total Depth	1	P.B.T.D.	
Elevations (DF, RAB, RT, GR, etc.)	Name of Producing Forma	ation	Top Oil/Gas Pay		Tubing Depth	
Elevations (DF, RAB, RT, GR, etc.) Perforations	Name of Producing Forma	ation	Top Oil/Gas Pay		Tubing Depth Depth Casing :	Shoe
	<u> </u>			000		Shoe
	<u> </u>	ASING AND	Top Oil/Gas Pay CEMENTING REC DEPTH S		Depth Casing	Shoe
Perforations	TUBING, C/	ASING AND	CEMENTING REC		Depth Casing	
Perforations	TUBING, C/	ASING AND	CEMENTING REC		Depth Casing	
Perforations HOLE SIZE	TUBING, C/	ASING AND	CEMENTING REC		Depth Casing	
Perforations HOLE SIZE V. TEST DATA AND REQUI OIL WELL (Test must be after	TUBING, C/ CASING & TUBIN ST FOR ALLOWABI	ASING AND NG SIZE LE	CEMENTING REC DEPTH S	ET allowable for th	Depth Casing : SA SA SA SA SA SA SA SA SA SA SA SA SA	CKS CEMENT
Perforations HOLE SIZE	TUBING, C/ CASING & TUBIN ST FOR ALLOWABI	ASING AND NG SIZE LE	CEMENTING REC	ET allowable for th	Depth Casing : SA SA SA SA SA SA SA SA SA SA SA SA SA	CKS CEMENT
Perforations HOLE SIZE V. TEST DATA AND REQUI OIL WELL (Test must be after	TUBING, C/ CASING & TUBIN ST FOR ALLOWABI	ASING AND NG SIZE LE	CEMENTING REC DEPTH S	ET allowable for th	Depth Casing : SA SA SA SA SA SA SA SA SA SA SA SA SA	CKS CEMENT
Perforations HOLE SIZE V. TEST DATA AND REQUE OIL WELL (Test must be after Date First New Oil Run To Tank	TUBING, C/ CASING & TUBIN ST FOR ALLOWABIN recovery of Islai volume of Ic Dule of Test	ASING AND NG SIZE LE	CEMENTING REC DEPTH S DEPTH S	ET allowable for th	Depth Casing : SA SA sis depth or be for etc.)	CKS CEMENT
Perforations HOLE SIZE V. TEST DATA AND REQUINOTL. WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test	TUBING, C/ CASING & TUBIN ST FOR ALLOWABIN recovery of total volume of to Date of Test Tubing Pressure	ASING AND NG SIZE LE	CEMENTING REC DEPTH S DEPTH S be equal to or exceed top Producing Method (Flow Casing Pressure	ET allowable for th	Depth Casing : SA SA SA SA SA SA SA SA SA SA SA SA SA	CKS CEMENT
Perforations HOLE SIZE V. TEST DATA AND REQUE OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test	TUBING, C/ CASING & TUBIN ST FOR ALLOWABIN recovery of total volume of to Date of Test Tubing Pressure	ASING AND NG SIZE LE	CEMENTING REC DEPTH S DEPTH S be equal to or exceed top Producing Method (Flow Casing Pressure	ET allowable for the , pump, gas lift, i	Depth Casing : SA SA SA SA SA SA SA SA SA SA SA SA SA	CKS CEMENT
Perforations HOLE SIZE V. TEST DATA AND REQUE OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL	TUBING, C/ CASING & TUBIN ST FOR ALLOWABIN recovery of total volume of to Date of Test Tubing Pressure Oil - Bbls.	ASING AND NG SIZE LE	CEMENTING REC DEPTH S DEPTH S De equal to or exceed top Producing Method (Flow Casing Pressure Water - Bbls.	ET allowable for the , pump, gas lift, i	Depth Casing : SA SA is depth or be for elc.) Choke Size Gas- MCF	CKS CEMENT
Perforations HOLE SIZE V. TEST DATA AND REQUE OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test - MCF/D	TUBING, C/ CASING & TUBIN CASING & TUBIN ST FOR ALLOWABI recovery of total volume of to Date of Test Tubing Pressure Oil - Bbls. Length of Test Tubing Pressure (Shut-in) CATE OF COMPLI. Mations of the Oil Conservation I that the information gives at	ASING AND NG SIZE	CEMENTING REC DEPTH S DEPTH S Producing Method (Flow Casing Pressure Water - Bbls. Libls. Condentate/MMCI Casing Pressure (Shut-in,	allowable for the , pump, gas lift, d	Depth Casing : SA SA SA SA SA SA SA SA SA SA SA SA SA	CKS CEMENT

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance With Rule 111.
 All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEV											
ENERGY AND MINERA		١T					1	α)		Form (C-104 d 10-01-78
NO. OF COPIES RECEIVED							(~	01			t 06-01-83
DISTRIBUTION				OIL CC	NSERV	ATION	Division 📐	$\mathbf{\nabla}$		Page 1	
SANTA FE	-+					3OX 2088		_		. 5	
FILE	-+-+			CANT			0 97501				
U.5.G.S.				SAN	A FE, NE	W MEXIC	0 6/501				
LAND OFFICE											
TRANSPORTER OI				REQ	UEST FO	R ALLO	WABLE				
OPERATOR					4	ND					
PRORATION OFFICE		AU	THORIZ	ATION TO	-		L AND NATUR	RAL GAS	DECE	I W n	
I.										<u>1 1 1</u>	- (())
Operator Tenneco Oil Co	ompany E &	PWRM	D-					CH	SEPIC	100-	<u>U</u>
Address P. O. Box 3249	. Englewoo	d, CC	801	.55					OIL CON.	+985	
Reason(s) for filing (Check p	·					·	Other (Please ex	piain)	The CON	- 0 ∀	·
New Well	Change in Tr	ansporter (of:						DIST. 3	3	
Recompletion				Dry C	ias						
Change in Ownership	<u> </u>	head Gas			lensate		Well Na	ame			
It change of ownership give n and address of previous own II. DESCRIPTION OF Lease Name	ier	ASE		Pool Name, Inc			990, Farmi	Kind of Leas			Lease No.
Bolack C LS				Blanco-	-			State. Federa			079232
Location						· · · · · · · · · · · · · · · · · · ·	<u> </u>	4			4 <u></u>
Unit Letter	:18	00	. <u> </u>	Feet From The	\$		Line and	1180	Feet From The _	₩	
Line of Section 33		Townshi	p	27N		Range	8W		NMPM San Jua	. <u>n</u>	County
III. DESIGNATION OF	TRANSPORT			O NATURA	L GAS						
Name of Authorized Transporte			ation			1			y of this form is to be se , NM 88240	ent <u>i</u>	
Name of Authorized Transporte	er of Casinghead Gas	or Dry	Gas X			Address (0	Give address to which	h approved cop	y of this form is to be se	ent,	
El Paso Natura						Ρ. (). Box 499		ington, NM	87499	
		Jnit	Sec.	Twp.	Age.	Is gas act	ally connected?		When		
If well produces oil or liquids. give location of tanks.		L	33	27N	8W		Yes				
If this production is commingled	I with that from any o	her lease o	r pool, give	commingling (order number						
NOTE: Complete Part	ts IV and V on	reverse	side if	necessary	2						
VI. CERTIFICATE OF	COMPLIANCE						о	IL CONSE	RVATION DIVISI	0,1 :	• • • • • •

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

(Signature)

Sr. Regulatory Analyst

•..*

(Title) 1075 ĽР 1 (Date)

APPROVED BY SUPERVISOR DISTRICT TITLE This form is to be filed in compliance with RULE 1104.

1

If this is a request for allowable for a newly drilled or deepened well, this form must be accom-

panied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted walls. Fill out only Section I, II, III, and VI for changes of owner, well name and or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

	00	i Oil Well	I Gas Well	New Well	Workover	Deepen	Plug Back	Sarie Resiv.	Diff. Res.'v
Designate Type of Completion —	(X)					1	l l	1	1
Date Spudded	Date Compl. R	eady to Prod.	• • • • • • • • • • • • • • • • • • •	Total Depth			P.B.T.D.	· · · · · · · · · · · · · · · · · · ·	
Elevations (DF, RKB, RT, GR, etc.)	Name of Produ			Top Oil-Gas	Pay		Tubing Depth		
	evations (DF, RKB, RT, GR, etc.) Name of Producing Formation				,				
Perforations	·			····· •			Depth Casing S	ihoe	
		TUBING	CASING AL		NG RECORD				
HOLE SIZE	CAS	SING & TUBIN	IG SIZE		DEPTH SE	Γ		SACES CEME	NT
	r +								
								·	
	[• • • • • • • • • • • • • • • • • • •			: 					
				·					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas	s lift. etc.)	
Length of Test	Tubing Pressure	Casing Pressure	. Choke Size	
Actual Prod. During Test	Oil - Bois	Water - Bois	Gas · MCF	

GAS WELL

Actual Prod Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate	
Testing Method (pilot, back pr.)	Tubing Presssure (Shut-in)	Casing Pressure (Shut-in)	Choke Size	
		i i		

Form 23-55(1-56)		
	;	
• • • • • • • • • • • • • • • • • • • •	OIL CONSERVATION COMMISSION	Ň
	BOX 697	
	120 EAST CHACO	ILLEGIBLE
	AZTEC, NEW MEXICO	
NOTICE OF GAS CONNECTION		
	DATE	<u> October 2, 1958</u>
THE	Hatural Cas Company OPERATOR	
THE Faso	וז דו	22 _2" _8
THE Faso	<u>Hatural Gas Company</u> OPERATOR IT II WELL UNIT	<u>22-2"-8</u> S-T-R
Dolach 15-0 LEASE	WELL UNIT	
DolachLEASE	וז דו	
<u>Dolach 15-0</u> LEASE	WELL UNIT WELL UNIT TT Pasc Mat NA	urcl <u>es lorpeny</u> Me of purchaser
Dolach 15-0 LEASE	WELL UNIT WELL UNIT TT Pasc Mat NA	urcl <u>es lorpeny</u> Me of purchaser
<u>Dolach 15-0</u> LEASE	WELL UNIT WELL UNIT TT Pasc Mat NA	urcl <u>es lorpeny</u> Me of purchaser
Dolach 15-3 LEASE 	WELL UNIT WELL UNIT TT Pasc Mat NA	urcl <u>es lorpeny</u> Me of purchaser
<u>Dolach 15-2</u> <u>LEASE</u> <u>Jance Vesa Pool</u> WAS MADE ON <u>July 20, 1958</u> DATE Thoke 868	WELL UNIT WELL UNIT TT Pasc Mat NA	urcl <u>es lorpeny</u> Me of purchaser
Dolach 15-3 LEASE 	, FIRST DELIVERY	urcl <u>les lompany</u> Me OF PURCHASER September 30, 1958 DATE
Dolach 15-3 LEASE 	, FIRST DELIVERY	urcl les lompony Me of purchaser
Dolach 15-3 LEASE 	, FIRST DELIVERY	urcl <u>les lompany</u> Me OF PURCHASER September 30, 1958 DATE

<u>Assistant Thief Dispatcher</u>

CC: TO OPERATOR OIL CONSERVATION COMMISSION - SANTA FE F. N. WOODRUFF - EL PASO B. D. ADAMS Delbi-Tajicr FILE

Form 23-55(1-56)		
	OIL CONSERVATION COMMISS	ION
	BOX 697 120 EAST CHACO AZTEC, NEW MEXICO	
NOTICE OF GAS CONNECTI		October 2, 1958
THIS IS TO NOTIFY THE OIL	IL CONSERVATION COMMISSION THAT CONN El Paso Natural Gas Company OPERATOR	ECTION FOR THE PURCHASE OF GAS FRO
Bolack #15-C	"L" WELL UNIT	33-27-8
Blanco Mesa Verde Pool	El Paso Na	name of Purchaser
WAS MADE ON July 30,	, 1953 , FIRST DELIVERY	September 30, 1958
	DATE	DATE
Choke 368 AOF 917 INITIAL POTENTIAL	DATE	DATE
Choke 368 AOF 917		Natural Gas Company

Assistant Chief Dispatcher

CC: TO OPERATOR

OIL CONSERVATION COMMISSION - SANTA FE

F. N. WOODRUFF - EL PASO

B. D. ADAMS Delhi-Taylor

FILE

NUMBER OF COPIES RECEIVED GISTRIBUTION SANTA FF FILE US.G.S. LAND OFFICE TRANSPORTER OIL GAS	TA FT NEW MEXICO C G.S. SA GO OFFICE OIL GAS TO TRANSPO					MEXICO	UTHOF	Elzati	ON	FORM C-110 (Rev. 7-60)
PRORATION OFFICE										
Company or Operator	FILE THE OF	RIGINAL	AND 4 C	OPIES	WITH TH	<u>HE APPR</u> Lease	OPRIATE	OFFICE		Well No.
El Paso Natural		ny					lack (1		15-0
Unit Letter Section T L 33	ownship 27-N		Range 8-1	A		County Sa	, n Juan			
Pool Blanco Mesa Verde Ex						Kind of L Fe	ease (State deral	e, Fed,Fee,)	
If well produces oil or condensate give location of tanks Sa				ne	Section	Towns	hip		Rang	e
Authorized transporter of oil or cond	ensate X	<u> </u>		Addres	s (give ac	ddress to u	hich approv	ed copy of	this f	orm is to be sent)
El Paso Natural	Gas Compa	ny		Вох	: 990 ,	Farmin	gton, N	ew Mex	ico	
	ls Gas Ac	tually C	onnecte	d? Y	es_X	_ No				<u> </u>
Authorized transporter of casing head gas	or dry gas (X Date necte		Addres	s (give ad	ddress to w	hich approv	ed copy of	this f	orm is to be sent)
El Paso Natural	Gas Compan	ny a_	30-58	Box	990.	Farmin	gton, N	ew Mex:	ico	
		N(S) FOR								
Change in Trans Oil	REASON)) Gas[Chan		ership				
Change in Trans; Oil Casing head ;	porter (check one,)) Gas[Chan	ge in Own	ership				
Change in Trans, Oil Casing head , Remark s	porter (check one, Dry G gas . Condo) fas[ensate]	 X1	Chan,	ge in Own (explain b	ership belowj				
Change in Trans Oil	porter (check one, Dry G gas . Condo) fas[ensate]	 X1	Chan,	ge in Own (explain b	ership belowj			ith.	
Change in Trans Oil Casing head Remarks The undersigned certifies that the Rul	porter (check one, Dry G gas . Condo) fas [ensate]	X X • Oil Cor	Chan, Other	ge in Own (explain b 	ership belowj nission ha			ith.	
Change in Trans Oil Casing head Remarks The undersigned certifies that the Rul	porter (check one, Dry C gas . Condo gas . Condo es and Regulati s the <u>lst</u>) fas [ensate]	X X • Oil Cor	Chan, Other	ge in Own (explain b 	ership belowj nission ha	ve been co		i th .	
Change in Trans; Oil Casing head Remarks The undersigned certifies that the Rul Executed thi OIL CONSERVATION	porter (check one, Dry C gas . Condo gas . Condo es and Regulati s the <u>lst</u>) fas [ensate]	X X • Oil Cor	Chan, Other	ge in Own (explain b ion Comm	ership belowj	ve been co		i th.	
Change in Trans; Oil Casing head Remarks The undersigned certifies that the Rul Executed thi OIL CONSERVATION	porter (check one, Dry C gas . Condo gas . Condo es and Regulati s the <u>lst</u>) fas [ensate]	X X • Oil Cor	Chan, Other	e in Own (explain b ion Comm y Petro iy El Pa	ership belowj nission ha 	ve been co 53.	mplied wi		

Remained by ELD is $i \in \operatorname{Ameril}(\operatorname{Cas}(i))$ summary = -22212(1122)

NEW MEXICO OIL CONSERV SANTA FE, NEW		Form C-110 Revised 7/1/55
(File the original and 4 copies with th	e appropriate district of MAIN C	FFICE OCC
CERTIFICATE OF COMPLIANC TO TRANSPORT OIL ANI	CE AND AUTHORIZATIO	N
Company or Operator El Paso Natural Gas C	ompany Lease	Bolack
Well No. 15-C Unit Letter L S 33 T 2	7N R SW Pool Blance	o Ext.
County San Juan Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location	on of tanks:UnitS	TR
Authorized Transporter of Oil or Condensate	El Paso Natural Gas Pro	oducts Company
Address		
Address (Give address to which approved c		e sent)
Authorized Transporter of Gas El Pa		
Address Box (Give address to which approved c	997, Farmington, New Mer	
Reasons for Filing: (Please check proper box) Change in Transporter of (Check One): Oil ()	the second second second second	
	•	, condensate (,
	Other \Give explana	()
Remarks:	(Give explaina	cion belowy
The undersigned certifies that the Rules and Romission have been complied with.	egulations of the Oil Cor	nservation Com-
Executed this the 2 day of JULY 19	58	
	By	lindon
Approved19	Title Petroleum Engin	leer
OIL CONSERVATION COMMISSION	Company El Paso Nat	ural Gas Company
By_ C.A. Xunduch		
	Address Box 997	······································

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

(Form C-104) Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well

This form shall be submitted by the operator before an initial AlAWable Will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion Abroaded this form is filed during calendar month of completion or recompletion. The completion date **1638** be that date in the case of an oil well wher new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit. Farmington, New Maxico. July 2, 1958

						(Place)				(Date)
	LE HER	EBY R	equesti	ING AN ALLO	WABLE FOR	R A WELL KN	OWN A	S:		
E1	Paso	Natur	al Gas (Company		, Well No	<u>15-C</u>	, i n N	W	14. SW
	-		erator) २२	T 27N	(Lease) D 🕅	, NMPM.,	Blan	eo Ext.		n
Uni	t Lotter									
····· ··· ··	San .	Juan	· · · • • • • • • • • • • • • • • • • •	County. Dat	e Spudded	4 -13- 58	Date D	rilling Com	pleted	5-24-58
F	Please in	dicate l	ocation :	Elevation	<u>67821</u>	Total	Depth	5247	XPERC	<u>.). 5198'</u>
D	C	В		Top Oil/Gas F	ay(F	Perf.) Name o	of Prod. F	orm. Mesa	. verae	
-			-	PRODUCING INT	ERVAL -					
						; 5074-5088;				
E	F	G	H	Open Hole	None	Depth Casing	Shoe	5240'	Depth Tubing_	5162'
				OIL WELL TEST	-					
L	K	J	I		•	bbls.oil,	bble	water in	b =e	Choke choke
X						Treatment (after				
M	N	0	P							Choke
						ls.oil,	_DDIS Wat	er in	_nrs,	min. Size
180	0'S,]	1801		GAS WELL TEST	•					
						MCF/Da				Size
	,	and Geme Feet	nting Recor Sax			ack pressure, etc				
				T	· · · · ·	Treatment:			-	flowed <u>3</u>
10 3	/41	162'	150	Choke Size <u>J</u>	<u>/4</u> Method	of Testing: <u>Cal</u>	.cuLate	d A.O.F.		
				Acid or Fractu	The track of the t	Give amounts of r	naterials	waad avab		والمتحدثين والبري البراد ومتعال الباد
	100		000		ire ireatment (OTAG guinding of 1		usea, such	as acid,	water, oil, and
1 2	/8" 2	2925'	200	sand): 65,	000 gal. w	ater & 65,00)0# san		as acid,	water, oil, and
7 <u>2</u> 5 1	<u> </u>	2925 ' 2366 '	200 300	sand): <u>65</u> , Casing 103	000 gal. w	ater & 65,00)0# san		as acid,	water, oil, and
51	/2" 2	2366 '	300	Casing 103	000 gal. w G Tubing Press.	ater & 65,00 857 Date first n 857 oil run to f)O <u>#_san</u> new tanks	d		witer, oil, and
51	/2" 2			Casing 103 Press. 103 Oil Transporte	000 gal. w 6 Tubing Press erEl Pa	ater & 65,00 857 Date first f oil run to f so Natural G)O T san new tanks as Pro	d. ducts Co	mpany	
51	/2" 2 " 51	2366 ' _62 '	300	Casing 103 Press. 103 Oil Transporte Gas Transporte	000 gal. w 6 Tubing Press. er El Pas er El Pas	ater & 65,00 857 Date first f oil run to f so Natural G o Natural Ga	00 7 san new tanks as Pro .s Comp	d. ducts Com any	mpany	
51	/2" 2	2366 ' _62 '	300	Casing 103 Press. 103 Oil Transporte Gas Transporte	000 gal. w 6 Tubing Press. er El Pas er El Pas	ater & 65,00 857 Date first f oil run to f so Natural G	00 7 san new tanks as Pro .s Comp	d. ducts Com any	mpany	
51	/2" 2 " 51	2366 ' _62 '	300	Casing 103 Press. 103 Oil Transporte Gas Transporte	000 gal. w 6 Tubing Press. er El Pas er El Pas	ater & 65,00 857 Date first f oil run to f so Natural G o Natural Ga	00 7 san new tanks as Pro .s Comp	d. ducts Com any	mpany	
5 1. 2 marks	/2" 2 " 51	2366 ' _62 '	300	Casing 103 Press. 103 Gil Transporte Gas Transporte	000 gal. w 6 Tubing 9r El Pa 9r El Pas	ater & 65,00 857 Date first (oil run to (so Natural Ga	00 77 san new tanks as Pro .s Comp	d. ducts Com any	mpany	
5 1 2 marks I he	/2" 2 " 51 :	2366 ' .62 ' rtify th	300	Casing 103 Press. 103 Oil Transporte Gas Transporte	000 gal. w <u>6</u> Tubing Press. er El Pa er El Pas bove is true a	ater & 65,00 857 Date first f oil run to f so Natural G o Natural Ga	00 Tr san hew tanks as Pro .s Comp he best o	d. aucts Com any f my knowle	mpany	
5 1 2 marks	/2" 2 " 51 :	2366 ' .62 ' rtify th	300	Casing 103 Press. 103 Gil Transporte Gas Transporte	000 gal. w <u>6</u> Tubing Press. er El Pa er El Pas bove is true a	ater & 65,00 <u>857</u> Date first oil run to to so Natural G o Natural Ga and complete to t	00 san hew tanks as Pro .s Comp he best o atural	d. aucts Com any f my knowle	mpany edge.	
5 1 2 marks I he	/2" 2 " 51 s:	2366 ' _62 ' rtify th	300	Casing 103 Press. 103 011 Transporte Gas Transporte rmation given a	000 gal. w <u>6 Tubing</u> <u>9r El Pa</u> <u>9r El Pas</u> <u>9r El Pas</u> bove is true a , 1958	ater & 65,00 <u>857</u> Date first oil run to to so Natural G o Natural Ga and complete to t	00 san hew tanks as Pro .s Comp he best o atural	d. aucts Com any f my knowled Gas Com pany of Oper 2000	mpany edge.	
5 1 2 marks I he	/2" 2 " 51 s:	2366 ' _62 ' rtify th	300	Casing 103 Press. 103 Oil Transporte Gas Transporte	000 gal. w <u>6 Tubing</u> <u>9r El Pa</u> <u>9r El Pas</u> <u>9r El Pas</u> bove is true a , 1958	ater & 65,00 857 Date first f so Natural G o Natural G o Natural G nd complete to t El Paso M By:	bor san hew tanks as Fro .s Comp he best of atural (Com	d. ducts Con any f my knowle Gas Com pany of Oper (Signature)	edge.	
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Budget Bureau No. 42–R355.4. Approval expires 12–31–60.

U. S. LAND OFFICE SANTA Fe SERIAL NUMBER 079232 LEASE OF PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Form 9-280

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Company _1 Easo Natural Gas Company Address _ Box 997. Fermington, New Mexico Lessor or Tract Bolack Field Blanco Ext. State New Mexico Well No. 15-C. Sec.33. T27N. R. M. Meridian H.M. P.M. County San Juan Location 200 ft. [N] of β Line and 1180 ft. [E] of M Line of Section 33 Elevation $\delta 792$ The information given herewith is a complete and correct record of the well and all work done thereon and the Streep Durin Johnston so far as can be determined from all available records. Signed Title Petroleum Engineer The summary on this page is for the condition of the well at above date. Commenced drilling 4-13- 1958 Finished drilling 5-24- 1958 OIL OR GAS SANDS OR ZONES (Denote gas by G) No. 2, from 4315 to 4387 (a) No. 5, from to to No. 3, from 4387 to 5027 (G) No. 6, from ______to IMPORTANT WATER SANDS to No. 3, from _____ to _____ No. 1, from No. 2, from _____ No. 4, from _____ to _____ CASING RECORD Kind of shoe Cut and pulled from From-Perforated Threads per inch Weight Size Make Amount Purpose casing per foot To--1 a. 2 10-3/4" S.W. 1621 Surface Howco. 32-75 2925 -->/â' J- 55. Baker Intermediate 26.40 B Bd 15-50 5162' MUDDING AND CEMENTING RECORD Size Number sacks of cement Method used Mud gravity Amount of mud used Where set casing -374 150 circulated

FOLD MARK

PLUGS AND ADAPTERS

	1	PLUGS A	ND ADAPTERS		
Heaving plug-					th set
0-0					
illuptois ini			ING RECORD		
Size	Shell used	Explosive used Q	lantity Date	Depth shot	Depth cleaned out
			OLS USED		Gas brilled
Rotary tools v	were used from	feet to	293 6 feet, s	and from29	36 feet to5242 . feet
Cable tools we	ere used from	feet to	175 feet, s	and from	feet to feet
		-	DATES		
		, 19.56	Put to produ	icing	, 1£
The prod	uction for the	first 24 hours was	barrels of	fluid of which	% was oil;%
emulsion;	% water; and	% sediment.	(Gravity, °Bé	
If gas we	ll, cu. ft. per 2-	1 hours	Gallons gasoli	ine per 1,000 ci	u. ft. of gas
		•			-
	ssure, lbs. per	sq. in	- A.C.T.=017	MCR / I:	
woon pro	ssure, 10s. per	sq. in <u>203é</u> EM	- A.C.F.=917 PLOYEES	MCF/L	
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FBOM—	TO	EM , Driller , Driller FORMAT	Tan to grue ojo Alamo s	FOBMAT cr-grn se 1 ss. White c prn. Gry sh	nterbedåed w/gry sh.
FBOM-	то- 2060	EM , Driller , Driller FORMAT TOTAL FEET 2050	Tan to gravely fine- Fruitland f	FORMAT Cr-grn SE 1 SS. White c Orn. Gry sn grn SS. Corn. Gry c	nterbedåed w/gry sh. r-grn s. interbedåed w/tight art sh, scatterel coal
FBOM — aevelopec 2060 2505	то – 2060 2500 2730	EM , Driller , Driller FORMAT TOTAL FEET 2050 445 231	Tan to gru Ojo Alamo s Kirtlanč fo gry fine- Fruitlanč fo coals and	FORMAT cr-grn se i ss. White c orm. Gry sh grn ss. form. Gry c l gry, tight	nterbedåed w/gry sh. r-grn s. interbedåed w/tight art sh, scattered coal , fine-grn ss.
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FROM- Developec 2060 2505 2736 2616	то – 2060 2505 2730 2810 4315	EM , Driller FORMAT TOTAL FEET 2050 445 231 82 1497	Tan to gry Ojo Alamo s Kirtlanč fo gry fine- Fruitlanč fo Pictured Cl varicolor Lewis forms w/silty to	FORMAT cr-grn se in ss. White c prn. Gry sh grn ss. form. Gry c i gry, tight iffs form. red soft ss. ation. Gry b shaly ss ba	nterbedåed w/gry sh. r-grn s. interbedåed w/tight art sh, scattered coal , fine-grn ss. Gry, fine-grn, tight, to white dense so reaks.
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FORMATICAN RECORD-Continued

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המילה ההתביע הייתה בההתביש

LOLF

[OVER] 16-430.14-4

FORMATION RECORD—Continued

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· ·····	HISTORY OF OIL OR GAS WE	16-43094-2 U. S. GOVERNMENT PRINTING OFFICE
the reasons for the work and its letracked" or left in the well, give	have a complete history of the well. Please si results. If there were any changes made in this size and location. If the well has been dynamin to test for water, state kind of material used	tate in detail the dates of redrilling, together the casing, state fully, and if any casing was amited, give date, size, position, and number
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water and 65 broke at 290 2 sets of 10 Ferf. P.C. 2 45,000# sand		I.R. 48 B.P.M. Form D#, max. pr. 3000#. Dropped B.F. @ 2978'. ac. w/45,000 gal. water and 507, Form. broke © 2400#,
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6-1-56 Set Hallibur	ton RTIS pkr. © 2168†. Sq. P.C	-
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Form 9-881 a		Appro	val expires 12-31-60.
(Feb. 1951)	(SUBMIT IN TRIPLICATE)	Land Office	Santa Fe
		Lease No.	c792 32
	UNITED STATES DEPARTMENT OF THE INTERIOR	Unit	Bolack
	GEOLOGICAL SURVEY		

دالياتر بغد والقلى الهقدد بمالح سامات

Budget Bureau No 42-R358 4

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATE SUBSEQUENT REPORT OF SHOOT SUBSEQUENT REPORT OF ALTER SUBSEQUENT REPORT OF RE-DR SUBSEQUENT REPORT OF ABANG SUPPLEMENTARY WELL HISTORY	TING OR ACIDIZING	
		RE OF REPORT, NOTICE, OR OTHE		, 19 <u></u>
Well No is located	t. from S	Tine and <u>11.0</u> ft. fr	$\operatorname{com}\left\{ \begin{matrix} \mathbf{W} \\ \mathbf{W} \end{matrix} \right\}$ line of sec.	
(4 Sec. and Sec. No.)				
<u>il anco</u> (Field)	County or Subd	زیکنائی livision)	(State or Territory)	

The elevation of the derrick floor above sea level is <u>67.22</u> ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It was originally intended to dually complete this well in the Mess Verue and distured Cliff's formations as the fillers Satural Gis Co. Bolean No. 15-C (MM). cosults of stimulative treatment have shown the Pictured Cliff's formation to be non-commercial, however. It is, therefore intended to squeeze off the existing dictured Cliff's performations at 2744-2750' with 100 sacks cement and complete the well in the Mesa Verue formation only, with name changed to Boleak No. 15-C. The enclosed well location glat has been reisened to show corrected Cedicated horeage (M/2 of Section 33 is dedicated to this well).

4/2: P 07,222

₹.

I understand that this plan of work must receive approval in writing	by the Geological Survey before operations may be commenced.
• M. S. an Inderson & Cont. Second	
Address	Crigonal Signed D. C. Johnston
Farmington, New Maxico	By
	Title Fotraleun ingineer

GPO 918507

		Budget Bureau No. 42-R368.4. Approval expires 12-31-60.
Form 9-881 a (Feb. 1961)		Land Office Bente Fe
	IN TRIPLICATE)	Lease No. 079232
	UNITED STATES DEPARTMENT OF THE INTERIOR	
DEPARTMENT		
GEOLOG	SICAL SURVEY	
SUNDRY NOTICES AI	ND REPORTS ON	I WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER	SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTI	NG OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERI	NG CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRI	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDO	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY.	
(INDICATE ABOVE BY CHECK MARK N	ATURE OF REPORT, NOTICE, OR OTHER	DATA)
	***************************************	April 23 , 19 59
	1016-100-14	
Well No. 15-C(PM) is located 1800 ft. from. SW Sec. 33 27N	(S) inte and	$\{\mathbf{W}\}$ line or sec
(1/2 Sec. and Sec. No.) (Twp.) (R	ange) (Meridian)	
Blanco Ext. 360. Blanco P.C. San J	iu an	Nev Mexico
	ilan .	New Mexico (State or Territory)
	Subdivision)	
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Form 9-331a		Budget Bureau No. 42-R358.4. Approval expires 12-31-60.
(Feb. 1951)	(SUBMIT IN TRIPLICATE)	Land Office
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SUNDRY NOTICES AND REPORTS ON WELLS

he elevation of the derrick floor	r above sea	level is	<u>ं72</u>	ft.		
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The 1/2 of Section 33 is dedicated to the Matured Cliffs.

I understand	that this plan of work must receive approval in writing by th	he Geological Survey before operations may be commenced.	
	The second secon		
Address	Den: 777		
	Franciagues, Jer Sexico , 64	By ^{prik H1} O'Enta O. C. Johnston	
	C'A -	Title	

GPO 918507

Torπ (*125.(6-57) Ν	EW MEXICO OIL CONSERVATION COMMISSION
	Well Location and Acreage Dedication Plat
Section A.	Date MARCH 4, 1958
Located 1800 Feet From County SAN JUAN G. L. Name of Producing Formation MESA 1. Is the Operator the only owner in the Yes No 2. If the answer to question one is '	Section 33 Township 27-N Range 8-W NMPM SOUTH Line, 1180 Feet From WEST Line
	o", list all the owners and their respective interests below:
Owner	RELEASE Land Description RELEASE
Section B.	MAR 1 2 1950 MAR 1 2 1950 OIL CON. COM. OIL CON. 3 Mutan Ell distances outset he free outer toundaries of section.
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief	e 🧱
El Paso Natural Gas Company (Operator) Original Signed D. C. Johnston (Representative) Box 997	
(Address) Farmington, New Mexico	SECTION 33
<u></u> .	
ILLEGIBLE	
	c 330 660 991 1321 1650 1960 2310 2640 2000 1500 1000 500 c Scale 1 inches equai 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and behavior.

Date Surveyed FEBRUART 13, 1958 Registered Professional Engineer and or Land Surveyor

(Seal)

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Form (2129 (5-57)	NEW MEXICO OF	É CONSERVATE	ON COMPASSION	?	
	Well Location	and Acreage De-	iigntionii	" -	: 4
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	tter L. Section t From SOUTH Lin G. L. Elevation MESA VERDE oner in the dedicated acr one is "no", have the	. 6782 Name outlined on interests of all	Dedicated Acreage Pool BLANCO N the plat below?	Next WEST 320 YEXT.,	:ommunitization
3. If the answer to question to Own		owners and the	r respective interes Land Descrip		VEL
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		JUNG 19		RMINGYON, I.	
·· ··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		JUNG 19 OIL CON.	3		
Section B.			aust in from outer h	oun inrues of se	ection.
This is to certify that the in in Section A above is true and to the best of my knowledge a	i complete				-
El Paso Natural Gas-Co Original Signed D. C. Jo (Representative)		<u>.</u>			
Box 997 (Address)					
Formington, New Mexico	`	•• ••	SECTION 33		
		SF 079232			
.		80'			N
NOTE: THIS PLAT REISSU PICTURED CLIFF D ABANDONED. THIS BE COMPLETED IN FORMATION ONLY.	EDICATION WELL WILL	(BOC)			
ILLEGIB		ass an 1920 main Scrub	9.003-0 2840 2000 - 1 10 hes e-pini 1 r		

This is to certify that the above plat were trepared from held notes of actual surveys made by me or an lor by supervision, and that the same are true and correct to the cest of my knowledge and be z_{i} .

Barray I FEBRUARY 13, 1958 China Julian Registered Protossional Engineer and for Land Surveyor

Sual

Form 9-831 a. (Feb. 1951)		Approval expires 12-3
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		and a second
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NOTICE OF INTENTION TO CHANGE PLANS		OF ALTERING CASING
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ONGARD INQUIRE LAND BY SECTION

11/29/01 08:46: OGOMES -TQ PAGE NO:

Sec : 33 Twp : 27N Rng : 08W Section Type : NORMAL

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ONGARD INQUIRE LAND BY SECTION

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11/29/01 08:46: OGOMES -TQ PAGE NO:

Sec : 33 Twp : 27N Rng : 08W Section Type : NORMAL

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Federal owned	Federal owned	Federal owned	Federal owned
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PF01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD PF08 FV	ND PF09 PRINT	PF10 SDIV PF11	PF12

131357421

New Mexico Oil Conservation Division---Enginnering Bureau Administrative Application Process Documentation

Date Application	Received:	11-8-01			
Date of Prelimina	ry Review:		11-29-01		
(Note: Must be w	vithin 10-days of rec	eived date)			
Results:	Application	Complete 🗾 🗸	Application Incomplete		
Date Incomplete Letter Sent:			11-29-01		
Deadline to Submit Requested Information:			12-06-01		
Phone Call Date:					
(Note: Only appl	ies is requested data	is not submitted	within the 7-day deadline)		
Phone Log Comp	leted?	Yes	No		
Date Application	Processed:		12-70-01		
Date Application	Returned:				

(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)

Response received 12-13-0,



December 12, 2001

DEC | 3 2001

FEDERAL EXPRESS: Michael E. Stogner New Mexico Oil Conservation Division 1220 S. St. Francis Dr. Santa Fe, New Mexico 87504

RE: pKRVO-131357421

Dear Mr. Stogner:

As per your request concerning the above captioned reference, I have enclosed two (2) sets of the following information:

- 1. Engineering Discussion on the Bolack C LS #7
- 2. Production Plot for the Bolack C LS #7 and #15 wells
- 3. Cumulative Production map for all wells in the 9-section area around the Bolack C LS #7 well.

Should you need anything further please feel free to contact me at (817) 885-2454, or Barry Voigt our Engineer on this prospect at (817) 885-2462.

Sincerely, **XTO ENERGY INC.** George A. Cox, CPL

Landman

Enclosures

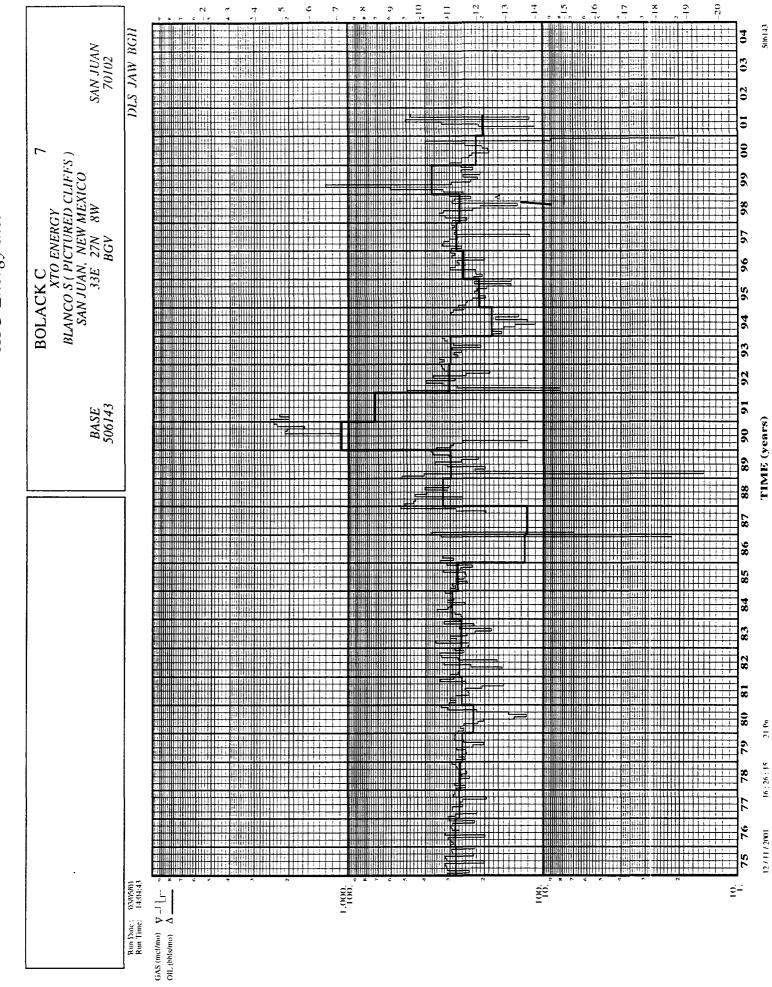
cc: Barry Voigt

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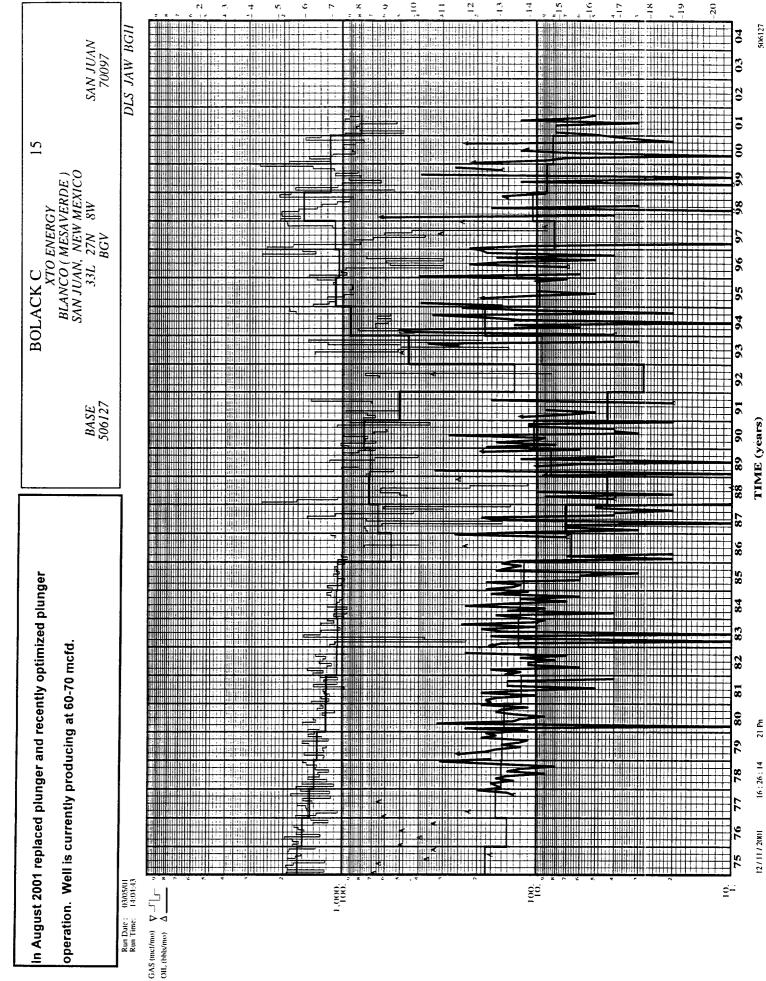
Bolack C LS #7 Engineering Discussion

Currently, XTO Energy has plans to re-complete the Bolack C LS #7 to the Fruitland Coal. The well is currently producing at 10-20 mcfd (see attached production plot). At these rates, the well is uneconomic to produce. The only other option other than a re-complete on this well is to plug and abandon it. The reason why this well was chosen over the Bolack C LS #15 well is the fact that the Bolack C LS #15 well is currently producing at 60-70 mcfd (see attached production plot). At these rates, the Bolack C LS #15 well is economic. As a prudent operator, XTO Energy would not want to risk an economic well on a re-completion when a usable wellbore within the same unit is available.

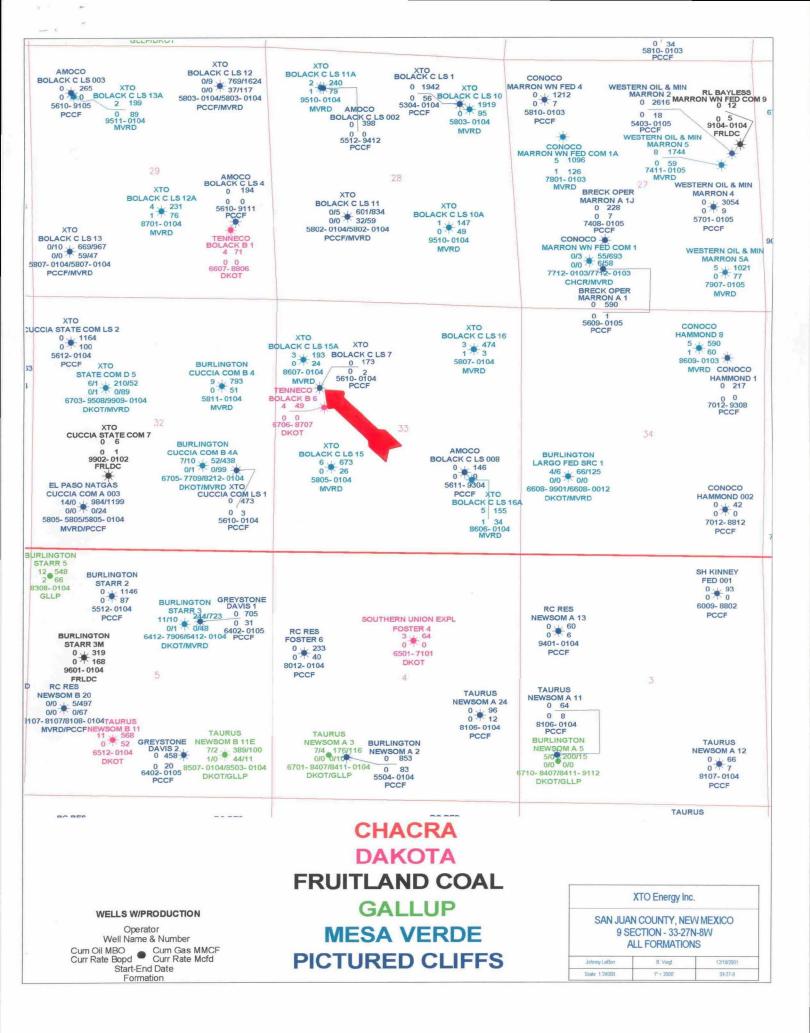
Attached is a cumulative production map for all wells in a 9-section area around the Bolack C LS #7. To date there have been 3 Fruitland Coal tests in the 9-section area of which one has been successful (the Star #3M at an unorthodox off pattern location in the NW of section 5 T26N R8W). Based on the possibility that a drill well may not prove to be economic, a re-completion is a viable way to test the coal in the W/2 of Section 33. Based on the discussion in the previous paragraph, the Bolack C LS #7 would be the better candidate than the Bolack C LS #15.



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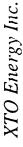
XTO Energy Inc.

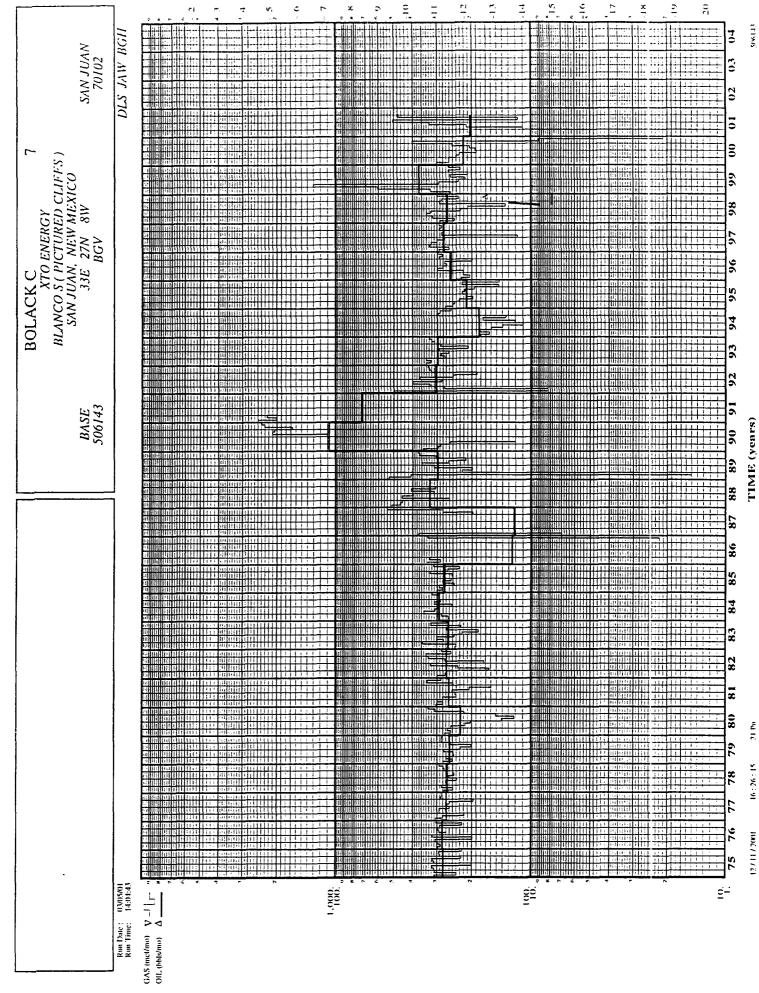


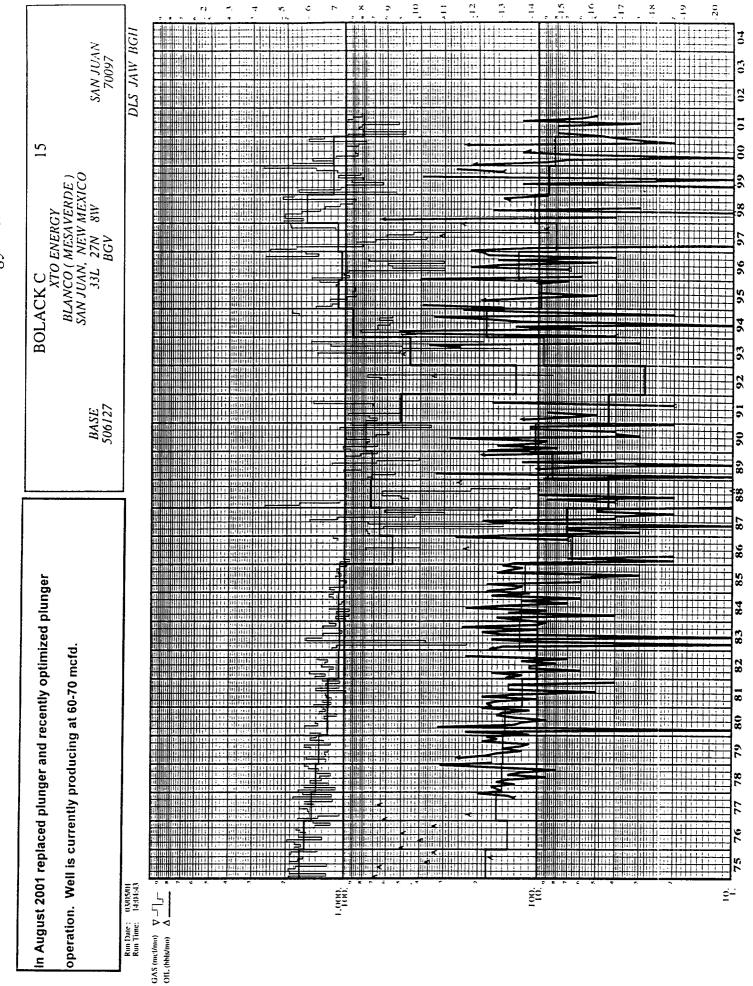
Bolack C LS #7 Engineering Discussion

Currently, XTO Energy has plans to re-complete the Bolack C LS #7 to the Fruitland Coal. The well is currently producing at 10-20 mcfd (see attached production plot). At these rates, the well is uneconomic to produce. The only other option other than a re-complete on this well is to plug and abandon it. The reason why this well was chosen over the Bolack C LS #15 well is the fact that the Bolack C LS #15 well is currently producing at 60-70 mcfd (see attached production plot). At these rates, the Bolack C LS #15 well is economic. As a prudent operator; XTO Energy would not want to risk an economic well on a re-completion when a usable wellbore within the same unit is available.

Attached is a cumulative production map for all wells in a 9-section area around the Bolack C LS #7. To date there have been 3 Fruitland Coal tests in the 9-section area of which one has been successful (the Star #3M at an unorthodox off pattern location in the NW of section 5 T26N R8W). Based on the possibility that a drill well may not prove to be economic, a re-completion is a viable way to test the coal in the W/2 of Section 33. Based on the discussion in the previous paragraph, the Bolack C LS #7 would be the better candidate than the Bolack C LS #15.







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TIME (years)

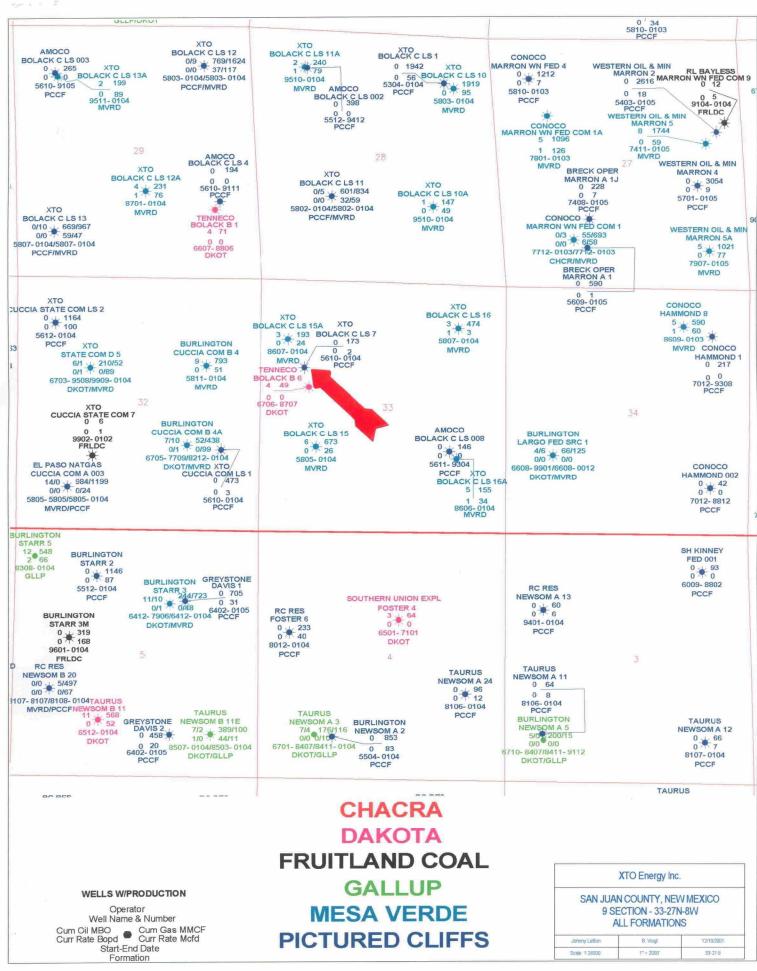
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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary

November 29, 2001

1

Lori Wrotenbery Director Oil Conservation Division

XTO Energy, Inc. 810 Houston Street Fort Worth, Texas 76102

Attention: George A. Cox

Re: Administrative application for an exception to the well location provisions (Rule 7) of the "Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool," as promulgated by Division Order No. R-8768, as amended.

Dear Mr. Cox:

This letter acknowledges the receipt of your administrative application dated November 6, 2001 seeking authorization to recomplete the existing Bolack "C" LS Well No. 7 (API No. 30-045-06143) at an unorthodox off-pattern Basin-Fruitland coal gas well location within a standard 320-acre stand-up gas spacing unit comprising the W/2 of Section 33, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico that is 1840 feet from the North line and 918 feet from the West line (Unit E) of Section 33. The Division received your application on November 8, 2001, and assigned it NMOCD reference No. *pKRV0-131357421*. Please refer to this number in future correspondence with the Division.

Having received several applications in the past to recomplete existing wells to the Basin-Fruitland Coal (Gas) Pool at unorthodox coal gas well locations which are off-pattern for coal gas development, it appears that additional information may be necessary to properly evaluate future filings in instances when there are at least two wells within the proposed coal spacing unit producing from the same formation in which the one to be recompleted is also off-pattern.

Within the proposed W/2 320-acre coal dedication, XTO operates a well within the SV//4 of Section 33, the Bolack "C" LS Well No. 15 (API No. 30-045-06127), located at a standard coal gas well location in Unit "L" of Section 33. Why was the No. 7 well chosen over this well? Also, how does this off-pattern recompletion effect coal gas development in the immediate area? Please submit any support production data, engineering evaluation, wellbore design, and related technical data to support your choice of wells for recompletion. Also submit a plat of the offsetting sections shc wing planned coal gas completions or currently producing wells and provide a discussion addressing the proposed off-pattern development.

Since the submitted information is insufficient to review at this time, the application was ruled as incomplete on November 29, 2001. Please submit the above stated information by Thursday, December 6, 2001.

XTO Energy, Inc. November 29, 2001 <u>Page 2</u>

The Division can not proceed with your application until the required information is submitted. Upon receipt, the Division will continue to process your application. The additional information can be faxed to (505) 476-3471, or mailed to the Division in Santa Fe. If the necessary information is not submitted, your application will be returned to you.

Should you have any questions concerning this matter, please contact me in Sant 3 Fe at (505) 476-3465. Thank you.

Sincerely

Michael E. Stogner Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Aztec