Form 3160-5 (November 199-)

inspection.)

UNITED STATES DEP:... MENT OF THE INTERIOR N.M OIL CONS BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WHOLES, NM 88241

5. Lease Serial No. NM 16139

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

6. If Indian, Allottee or Tribe Name

SUBMIT IN T	7. If Unit or CA	A/Agreement, Name and/or No.				
Type of Well						
Oil Well	X Gas Well	Other		8. Well Name and	d No.	
2. Name of Operator		· • • • • • • • • • • • • • • • • • • •	•	PITCHFO	ORK "4" FEDERAL #2	
BURLINGTON RESOU	RCES OIL AND GAS CO	MPANY		9. API Well No.	-	
3a. Address	3	b. Phone No. (include area	code)	30-025-30331		
P. O. Box 51810, Midlan	d, TX 79710-1810	915-688-690	6	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage,	Sec., T., R., M., or Survey D	Description)		PITCHFORK RANCH WOLFCAMP		
				PITCHFO	RK RANCH STRAWN	
K, 1830' FSL & 1980' F	WL		Ì	11. County or Pag	rish, State	
SEC. 4, T25S, R34E		LEA COUNTY, NM				
12. CHECK	APPROPRIATE BOX(ES) T	O INDICATE NATURE C	F NOTICE, REI	PORT, OR OTI	HER DATA	
TYPE OF SUBMISSION		TYPE	OF ACTION			
	Acidize	Deepen	Production	(Start/Resume)	Water Shut-Off	
X Notice of Intent	Alter Casing	Fracture Treat	Reclamation	on	Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplet	te	X Other DOWNHOLE	
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporari	ily Abandon	COMMINGLE	
	Convert to Injection	Plug Back	Water Dis	posal		
13. Described Proposed or Complet	ed Operation (clearly state all perti	nent details, including estimated	starting date of any	proposed work and	d approximate duration thereof. If the	

proposal is to deepen directionally or recomplete' horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final

BURLINGTON RESOURCES REQUESTS APPROVAL TO DOWNHOLE COMMINGLE PRODUCTION FROM THE PITCHFORK RANCH WOLFCAMP AND THE PITCHFORK RANCH STRAWN POOLS.

FORM C-107-A APPLICATION TO DOWNHOLE COMMINGLE HAS BEEN SUBMITTED TO MR. DAVID CATANACH WITH THE OIL CONSERVATION DIVISION IN SANTA FE, NEW MEXICO. COPY OF APPLICATION IS ATTACHED.

SUBJECT TO LIKE APPROVAL BY STATE

4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) MARIA L. PEREZ	Title REGULATORY R	EPRESENTATIVE
Signature Maria L. Pere	Date 12-3-97	
	Title TOTAL THE COMPANY	DEC 1 1 1997
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

or fraudulent statement or representations as to any matter within its jurisdiction.

Roswall aspice

MH DEC -5 A 9-59

DISTRICT

P.O. Box 1980, Hobbs, HM 84240

DISTRICT II 811 South Prot St., Artesia, NAC 68210 State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pach

Form C-107-A New 3-12-96

APPROVAL PROCESS:

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DISTRICT III 1000 No Brisso Rd. Azine, HM 87410	Santa Fs, Ne	w Mexico 87505-6429	XAdministrativeH
		OWNHOLE COMMINGLI	NG EXISTING WELL
Burlington Resources O		ox 51810 Midland, Texas 7	9710-1810
Pitchfork '4' Federal 1	No. 2 K. 4.	. 25S, 34E	Lea
OGRID NO. 26485 Property C		30_025_20223	Columny Second Unit Lesse Types: (check 1 or more)
The following facts are submitted in support of downhole commingling:	Upper Zone	intermediate	ral X . State (and/or) Fee
Pool Name and Pool Code	Pitchfork Ranch Wolfc 82950		Pitchfork Ranch Strawn
2. Top and Bottom of Pay Section (Parlocational	Pro. 13,470'-13,525'		50374 Pro.
3. Type of production (Off or Gast)	Gas		13,675, 13,806' Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure CNI Zones - Artificial Lift: Estimated Current	à (Cuyeno	a	3.
Ges & Oil - Flowing: Estimated Current Measured Current All Ges Zonos: Estimated Or Measured Original	b, Khrigirus Est. 7035 psi	b.	b. Est. 9350 psi
St. Oil Gravity (*API) or Gas BTU Contant	Est. 1083		Est. 1059
7. Producing or Shut-In?	To be completed		To be completed
Production Marginal? (yes or no)			
If Shut-in, give date and oil/gas/ water rates of last production later. Far new zones with no production likery, applicant shall be required to attach roduction estimates and supporting drip	Con: See Attached	Onte: Pates:	Date: See Attached
If Producing, give date andoil/gas/ water rates of record test (within 60 days)	Docas Aptens	Dates Rales:	Date: Rates:
Fixed Percentage Allocation Formule -% for each zone	OR: 0 % Casa 65 %	Of: GAAI %	ON: 0 % CAM: 35 %
If allocation formula is based usubmit attachments with supplements with supplements with supplements with supplements with supplements attachments with overriding, overriding, overriding, overriding, overriding, overriding, overriding, overriding, overriding, and overriding overriding over the supplements of the su	d royalty interests identical in ding, and royalty interests bee given written notice of the project No. if yes, are fluids cd, and will the allocation formut commingled zones compatible	all commingled zones? In notified by certified mail? Peased downhole commingling? Compatible, will the formations use be reliable. With each other?	Yes No Yes No No No No No (If No, attach explanation
Will the value of production be	decreased by commingling?	Yes X No 115 Y	e attach avalenation)
If this wall is on, or communitis United States Bureau of Land & NMOCD Reference Cases for R	nanagement has been notified ule 303(C) Exceptione:	In Writing of this application.	XYES NO
ATTACHMENTS: C-102 for each zone Production curve for For zones with no pn Data to support alloc Notification list of all	to be commingled showing its each zone for at least one yes oduction history, estimated pri stion method or formula. offset operators. orking, overriding, and royalty nents, data, or documents req	s spacing unit and acreage dec ir. (If not available, attach ex oduction rates and supporting	lication. plaination.) dats.
eby certify that the information	above is true and complete to	the best of my knowledge ar	nd belief.
IATURE Willia Peren		TITLE Regulatory Complia	nce DATE 12/1/97
OR PRINT NAME	ria Perez	TELEPHONE NO. (915) 688-6906
		•	

District I

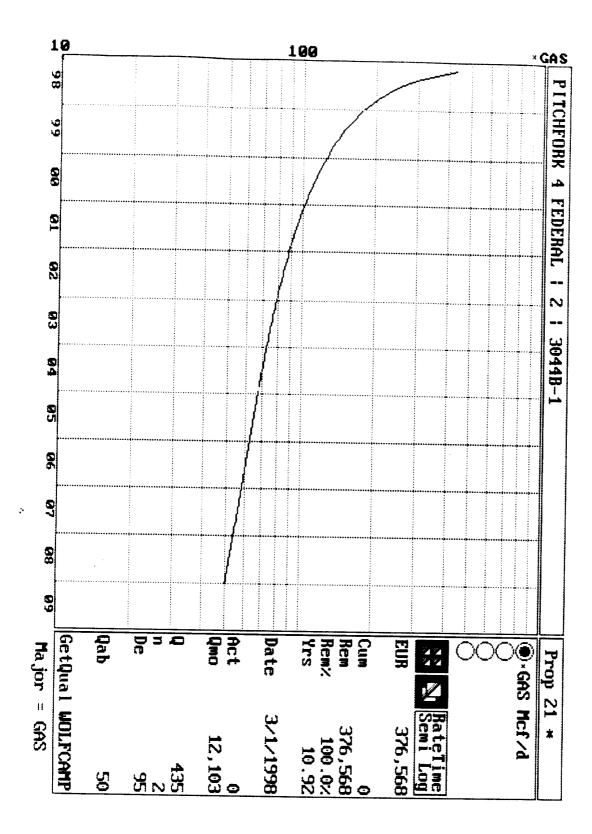
State of New Mexico .nergy, Minerals & Natural Resources Departu....t

Form C-102 Revised October 18, 1994 ack ice ies

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;									Signature Maria Perez Printed Name Regulatory Title 12/1/97 Date	to the be	i ance	CATION contained herein is lowledge and belief.
		1*							I hereby certify the was plotted from	at the welfield note: supervision st of my bel	l location of actua , and the	shown on this plat al surveys made by at the same is true

Certificate Number



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

State of New Mexico Energy, Minerals & Natural Resources Depar

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

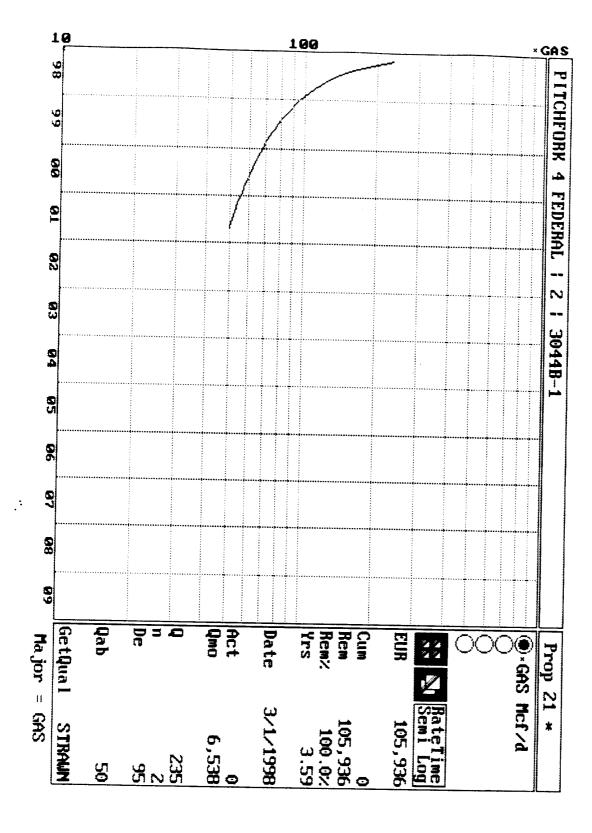
Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

Signature and Seal of Professional Surveyer:

Certificate Number

2040 South Pacheco	o. Santa Fe,	NM 87505								AME	NDED REPORT
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0143			Pitchfork '4' Federal							l °	Well Number
7 OGRID			8 Operator Name								9 Elevation
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		*							was piotea from fi	teld notes of acti Opervision, and t	all surveys made by hat the same is true
	-								Date of Survey		



ADMINISTRATIVE APPLICATION DOWNHOLE COMMINGLING PITCHFORK '4' FEDERAL WELL NO. 2 LEA COUNTY, NEW MEXICO

ADDITIONAL SUPPORTING INFORMATION

The allocation method of 65% to the Wolfcamp and 35% to the Strawn was calculated based on production information obtained from an offset well located 1.8 mile northwest of this well. The offset was completed in the Wolfcamp in 1984, and subsequently recompleted to the Strawn in mid 1990. Bottomhole pressures and Gas BTU content was based on an average of wells producing from the perspective zones in and around the area including wells across the Texas state line. Due to the nature of the zones being discontinuous, an average of production, bottomhole pressures, and Gas BTU was utilized.

BURLINGTON RESOURCES OIL & GAS COMPANY (OGRID #26485) APPLICATION FOR ADMINISTRATIVE APPROVAL PITCHFORK '4' FEDERAL WELL NO. 2 (PROPERTY # 014332) PITCHFORK RANCH STRAWN (50374) PITCHFORK RANCH WOLFCAMP (82950) LEA COUNTY, NEW MEXICO

OFFSET OPERATOR NOTIFICATION

Enron Oil & Gas Company P.O. Box 2267 Midland, Texas 79702-2267

BTA Oil Producers 104 South Pecos Midland, Texas 79701

Malcolm R. Madera P.O. Box 1986 Carlsbad, New Mexico 88220

Roy C. Allen Maxie T. Allen John Patrick Allen Louis Charles Weaver c/o Roy C. Allen P.O. Box 4054 Benson, AZ 85602

Paul Page Jr. 214 West Texas, Ste. 407 Midland, Texas 79701

Ruth & Duer Wagner, Jr. 1400 Continental Plaza 777 Main Street Ft. Worth, Texas 76102 Robert E. Landreth 505 N. Big Spring, Ste. 507 Midland, Texas 79701

Amerada Hess Corp. P.O. Box 2040 Houston, Texas 77252-2040 ATTN: Land Department

Bobby Greg Cohea Lindy J. Cohea 312 Elwood Drive Edmond, Oklahoma 73013

Iris E. Brinninstool, Life Estate Ferinez Phelps, Remainderman 1523 Hilton Avenue Columbus, GA 31906

Lee W. & Patricia Horton 1225 S. Park San Angelo, Texas 76901

Virginia K. Smith, individually & as Executrix of Estate of Hugh B. Smith 1400 Continental Plaza 777 Main Street Ft. Worth, Texas 76102

Alonzo Monk Bryan P.O. Box 758 Lake Janaluska, NC 28745 Ruth Daggett 1400 Continental Plaza 777 Main Street Ft. Worth, Texas 76102

Charles B. Harris, Trustee 3100 Continental Plaza Ft. Worth, Texas 76102

Billie Johns 15548 Vista Vincente Ramona, CA 92065 Daniel M. Galbreath Executor of the Estate of Dorothy Bryan Galbreath, Deceased 180 E. Broad Street Columbus, Ohio 43215

Alan Jackinsen 2402 Cimmaron Midland, Texas 79705

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