FORM APPROVED BUDGET BUREAU NO. 1004-0136 EXPIRES DECEMBER 31, 1991

5. LEASE DESIGNATION AND SERIAL NO

### UNITED STATES DEPARTMENT OF THE INTERIOR

AF	D. 10171011 FOR SER				<u> </u>	· · · · · · · · · · · · · · · · · · ·
	PPLICATION FOR PER	IMIT TO DRILL (	OR DEEPEN		6. IF INDIAN, ALLOTTEE O	R TRIBE NAME
a. TYPE OF WORK					N/A	
DR	ILL X DEEP	EN			7. UNIT AGREEMENT NAME	
. TYPE OF WELL		SINGLE	MULTIPL	<u> </u>	┪	
	GAS OTHER	ZONE	ZONE		N/A 8. FARM OR LEASE NAME	WELL NO.
. NAME OF OPERA	TOR		4 -			944
OKLAHOMA F	RB OPERATING COMPANY	-13	18	890	AMOCO "11" FED	
. ADDRESS AND TE					9. API WELL NO.	_
601 N. MARIE	NFELD, SUITE 102, MIDLAN	D, TEXAS 79701	(915) 682 – 0095		30-015-2848	
	•••				10. FIELD AND POOL, OR WILL	
LOCATION OF WE AT SURFACE	ELL (REPORT LOCATION CLEARLY	AND IN ACCORDANCE WITH	ANY STATE REQUIREMENT	'S. <b>*</b> }	- EAST LOVING E	
	FNL, SEC. 11, T23S, R28E, E	EDDY CO., NEW ME	XICO		11. SEC. T.R.M. OR BLK AND	SVY OR AREA
AT PROPOSED PRO	DD ZONE	, ,				
SAME		Unit (A)	)		SEC. 11, T23S,	R28E
. DISTANCE IN MILES	AND DIRECTION FROM NEAREST TOV	VN OR POST OFFICE*			12. COUNTY OR PARISH	13. STATE
2 MILES NORTHE	EAST OF LOVING NEW MEXICO				EDDY	NM
5. DISTANCE FROM PROP	OSED *	16. NO. OF AC	CRES IN LEASE	1	OF ACRES ASSIGNED	·
	LINE, FT. RLG. UNIT LINE, IF ANY)		320 ACRES			ACRES
DISTANCE FROM PROP TO NEAREST WELL, DI OR APPLIED FOR, ON	RILLING, COMPLETED, 1500'	19. PROPOSED DEPTH 6500'		20. ROT	ROTARY OR CABLE TOOLS ROTARY	
1. ELEVATIONS (SHOW WI	HETHER DF, RT, GR, ETC.)	Carlobad	Controlled Water B	esin	22. APPROX. DATE WORK WILL ST	MT*
		3040' G.L.			7-1-95	
	PROPO		CEMENTING PROGI	RAM	, , , , ,	<del></del>
SIZE OF HOL		WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEMEN	
12-1/4"	8-5/8"	24#	570'	25		
	<del></del>		<del> </del>		O SACKS CIRCULAT	
77/8"	5-1/2"	15.5 & 17#	6350'	1 16	70 SACKS, DV TOOL @	§ 3350°
					·····	
2. TEST CASING	HOLE TO 570', RUN 8-5/8" CA TO 1500#, IF SUCCESSFUL DE				Pos	TID-1 5-95 oc + All
. TEST CASING 1 3. DRILL 7-7/8" H	TO 1500#, IF SUCCESSFUL OF IOLE TO T.D.				Pos	TID-1
. TEST CASING 1 . DRILL 7-7/8" H . MUD LOG FRO	TO 1500#, IF SUCCESSFUL DF IOLE TO T.D. M 3600' TO T.D.	RILL OUT CEMENT AN			Pos	TID-1
. TEST CASING T . DRILL 7 – 7/8" H . MUD LOG FRO . ELECTRIC LOG	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. À AT T.D. TO SURFACE CASING	RILL OUT CEMENT AN	D TEST TO 22 PPG EQ	UIVALEN	Pos	TID-1
. TEST CASING 1 . DRILL 7-7/8" H . MUD LOG FRO . ELECTRIC LOG . IF COMMERCIA	TO 1500#, IF SUCCESSFUL DF IOLE TO T.D. M 3600' TO T.D. AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D	RILL OUT CEMENT AND	D TEST TO 22 PPG EQ	UIVALEN	Pos	TID-1
. TEST CASING 1 . DRILL 7-7/8" H . MUD LOG FRO . ELECTRIC LOG . IF COMMERCIA	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. À AT T.D. TO SURFACE CASING	RILL OUT CEMENT AND	D TEST TO 22 PPG EQ	UIVALEN	Pos	TID-1
. TEST CASING TO BE STATED TO STATE TO	TO 1500#, IF SUCCESSFUL DF IOLE TO T.D. M 3600' TO T.D. AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D	RILL OUT CEMENT AND  CEMENT TO SURFA  D UNDER SUNDRY NO	CE WITH 1670 SACKS	UIVALEN	Poz T. New-L	TID-1
TEST CASING TO BE THE COMPLETION FOR THE COMPLETION	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. À AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D PROGRAM WILL BE SUBMITTE	RILL OUT CEMENT AND A CEMENT TO SURFARD UNDER SUNDRY NO NO NEW MEXICO OIL	D TEST TO 22 PPG EQ CE WITH 1670 SACKS DTICE:	UIVALEN	Poz T. New-L	TID-1
TEST CASING TO THE PROPERTY OF	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. À AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D PROGRAM WILL BE SUBMITTE	RILL OUT CEMENT AND A CEMENT TO SURFARD UNDER SUNDRY NO NO NEW MEXICO OIL	CE WITH 1670 SACKS	UIVALEN	Poz T. New-L	TID-1
2. TEST CASING 1 3. DRILL 7-7/8" H 4. MUD LOG FROM 6. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON-COMM	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. A AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A	RILL OUT CEMENT AND AND AND AND NEW MEXICO OIL	CE WITH 1670 SACKS	SPECIFIC	Poz T. New-L	TID-1
2. TEST CASING 1 3. DRILL 7-7/8" H 4. MUD LOG FROM 5. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON-COMM	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A	RILL OUT CEMENT AND AND AND AND NEW MEXICO OIL	CE WITH 1670 SACKS	SPECIFIC	Poz T. New-L	TID-1
2. TEST CASING T 3. DRILL 7-7/8" H 3. MUD LOG FRO 6. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON-COMM	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D. PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A	RILL OUT CEMENT AND AND AND AND NEW MEXICO OIL	D TEST TO 22 PPG EQ CE WITH 1670 SACKS DTICE:	SPECIFIC	Poz T. New-L	TID-1
2. TEST CASING TO BE SELECTRIC LOG SELECTRIC	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D. M 3600' TO T.D. AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A	RILL OUT CEMENT AND COMENT TO SURFATE DE UNDER SUNDRY NO NEW MEXICO OIL	CE WITH 1670 SACKS DTICE WAS COMMISSION	SPECIFIC	Poz T. New-L	TID-1
2. TEST CASING TO BE SELECTRIC LOG S. IF COMMERCIA. COMPLETION FOR S. IF NON-COMM	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approval Subject to  Gungel Requirements and  Special Supulations  Attorned	CEMENT TO SURFAD UNDER SUNDAY NO NEW MEXICO OIL	CE WITH 1670 SACKS DTICE WAS COMMISSION  R 2 5 (25)	SPECIFIC	T. Mun-L	1 ID-1
2. TEST CASING 1 3. DRILL 7-7/8" H 4. MUD LOG FRO 5. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON-COMM	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approval Subject to  Gungel Requirements and  Special Subject to  Attoched  CRIBE PROPOSED PROGRAM: If propose	CEMENT TO SURFA D UNDER SUNDRY NO ND NEW MEXICO OIL	CE WITH 1670 SACKS DTICE  & GAS COMMISSION  COMMISSION  DISTRIBUTE  present productive zone and	SPECIFIC	T. Mun-L.	1ID-1
ABOVE SPACE DESC	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approval Subject to  Gungel Requirements and  Special Supulations  Attorned	CEMENT TO SURFA D UNDER SUNDRY NO ND NEW MEXICO OIL	CE WITH 1670 SACKS DTICE  & GAS COMMISSION  COMMISSION  DISTRIBUTE  present productive zone and	SPECIFIC	T. Mun-L.	1 ID-1
ABOVE SPACE DESC	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approvabl Subject to  Gundes Requirements and  Special Stipulations  Attoched  RIBE PROPOSED PROGRAM: If propose pertinent data on subsurface locations	RILL OUT CEMENT AND AND AND NEW MEXICO OIL  Call is to deepen, give data on and measured and true vertice.	CE WITH 1670 SACKS DTICE  & GAS COMMISSION  COMMISSION  DISTRIBUTE  present productive zone and	SPECIFIC	T. Plus- L. CATIONS.	1ID-1
2. TEST CASING 1 3. DRILL 7-7/8" H 4. MUD LOG FRO 5. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON-COMM	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approval Subject to  Gunge Requirements and  Special Subject to  Gregorial Subject to  Gregorial Subject to  Gregorial Subject to  Special Subject to  Gregorial Subject to  Special Subject to  Gregorial Subject to  Gregorial Subject to  Special Subject to  Gregorial Subje	RILL OUT CEMENT AND AND AND NEW MEXICO OIL  Call is to deepen, give data on and measured and true vertice.	CE WITH 1670 SACKS OTICE  & GAS COMMISSION  Present productive zone and cal depths. Give blowout present	SPECIFIC	T. Plus- L. CATIONS.	FID-1 5-95 oc + Aft
2. TEST CASING 1 3. DRILL 7-7/8" H 4. MUD LOG FRO 5. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON-COMM  ABOVE SPACE DESC  Began directionally, give 4.  IGNED  (THIS SPACE FOR	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approvabl Subject to  Gundes Requirements and  Special Stipulations  Attoched  RIBE PROPOSED PROGRAM: If propose pertinent data on subsurface locations	RILL OUT CEMENT AND AND AND NEW MEXICO OIL  Call is to deepen, give data on and measured and true vertice.	CE WITH 1670 SACKS OTICE:  & GAS COMMISSION  DESCRIPTION  present productive zone and cal depths. Give blowout pre-	SPECIFIC	T. Plus- L. CATIONS.	FID-1 5-95 oc + Aft
2. TEST CASING 1 3. DRILL 7 - 7/8" H 4. MUD LOG FRO 5. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON - COMM  I ABOVE SPACE DESC  REPENDING OF THE STATE	TO 1500#, IF SUCCESSFUL DE IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  Approvabl Subject to  Gundes Requirements and  Special Stipulations  Attoched  RIBE PROPOSED PROGRAM: If propose pertinent data on subsurface locations	CEMENT TO SURFA D UNDER SUNDRY NO ND NEW MEXICO OIL  Calls to deepen, give data on and measured and true vertice  TITLE	D TEST TO 22 PPG EQ CE WITH 1670 SACKS DTICE  A GAS COMMISSION  P 2	Proposed n	T. Aun L.  CATIONS.  ew productive zone. If proposal is any.	FID-1-5-95 oc + Af-1-
ABOVE SPACE DESCREPEND DISCREDED TO THIS SPACE FOR ERMIT NO.	TO 1500#, IF SUCCESSFUL OF IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  AUSTRAL SUBJECT TO  GUIDAL SUBJECT TO  GUIDAL SUBJECT TO  GRIBE PROPOSED PROGRAM: If propose pertinent data on subsurface locations  PREPERAL OR STATE OFFICE US	CEMENT TO SURFA D UNDER SUNDRY NO ND NEW MEXICO OIL  Calls to deepen, give data on and measured and true vertice  TITLE	D TEST TO 22 PPG EQ CE WITH 1670 SACKS DTICE  A GAS COMMISSION  P 2	Proposed n	T. Aun L.  CATIONS.  ew productive zone. If proposal is any.	FID-1-5-95 oc + Af-1-
2. TEST CASING 1 3. DRILL 7 - 7/8" H 4. MUD LOG FRO 5. ELECTRIC LOG 6. IF COMMERCIA 7. COMPLETION F 8. IF NON - COMM  I ABOVE SPACE DESC Begen directionally, give 4.  IGNED  (THIS SPACE FOR	TO 1500#, IF SUCCESSFUL OF IOLE TO T.D.  M 3600' TO T.D.  AT T.D. TO SURFACE CASING AL, SET 5-1/2" CASING TO T.D.  PROGRAM WILL BE SUBMITTE MERCIAL, PLUG AS PER BLM A  AUSTRAL SUBJECT TO  GUIDAL SUBJECT TO  GUIDAL SUBJECT TO  GRIBE PROPOSED PROGRAM: If propose pertinent data on subsurface locations  PREPERAL OR STATE OFFICE US	CEMENT TO SURFA D UNDER SUNDRY NO ND NEW MEXICO OIL  Calls to deepen, give data on and measured and true vertice  TITLE	D TEST TO 22 PPG EQ CE WITH 1670 SACKS DTICE  A GAS COMMISSION  P 2	Proposed n	T. Aun L.  CATIONS.  ew productive zone. If proposal is any.	FFD-1 5-95 0c + Aft

Form C-102 Supersedes C-131 Eliostivo 14-65

All distances must be from the outer boundaries of the Section 1.0180 Well 130. R B OPERATING CO. NADCO FEDERAL 11-8 wit Letter Township 23 South 28 East Eddy County, N.M. ctual featage Location of Well: rmi Louing; Brushy Canyon, E AST line and East La . Inches Le envett in E. Loving (Delaware) 40350 <u>Delaware</u> Acres Outline the acronge dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? [ ] No If answer is "yes." type of consolidation \_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information con-800 tained herein is true and complete to the Tim Goudegu Operations Manager RB Operating Company April 14, 1995 June 25, 1990 Registered firefessional Engineer NM PE&PS NO.

APR 14 10 41 AM '95

CAREA D TO SEASON

# RB OPERATING COMPANY

601 MARIENFELD, SUITE 102 MIDLAND, TEXAS 79701 OFFICE: 915-682-0095 FAX: 915-682-3017

March 7, 1995

Bureau of Land Management
P. O. Box 1778
Carlsbad, New Mexico 88221-1778

Gentlemen:

This Application of Permit to Drill or Deepen, (APD) for well Amoco "11" Federal No. 8, Lease No. NM-32636, Section 11, T23S, R28E, is to replace the APD that expired per attached letter dated April 19, 1994.

We plan to start drilling July 1, 1995.

Thank you,

RB OPERATING COMPANY

Tim Goudean Region Marager

MAR 0 7 1005



## United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Carlsbad Resource Area Headquarters P.O. Box 1778 Carlsbad, New Mexico 88221-1778

IN REPLY REFER TO

3162.3-1 (067) NM NM-32636

RB Operating Company 601 N. Marienfeld - Ste. 102 Midland, Texas 79701

APR 1 9 1994

#### Gentlemen:

Your Application for Permit to Drill (APD), the Amoco "11" Federal Well No.8 , 545 feet FN L and 800 feet FE L, Section 11 , T. 23 S., R. 28 E., Eddy County, New Mexico, Lease No. NM NM-32636 , has been cancelled because drilling has not commenced within one year of approval as stated in the General Requirements For Oil And Gas Operations On Federal Leases.

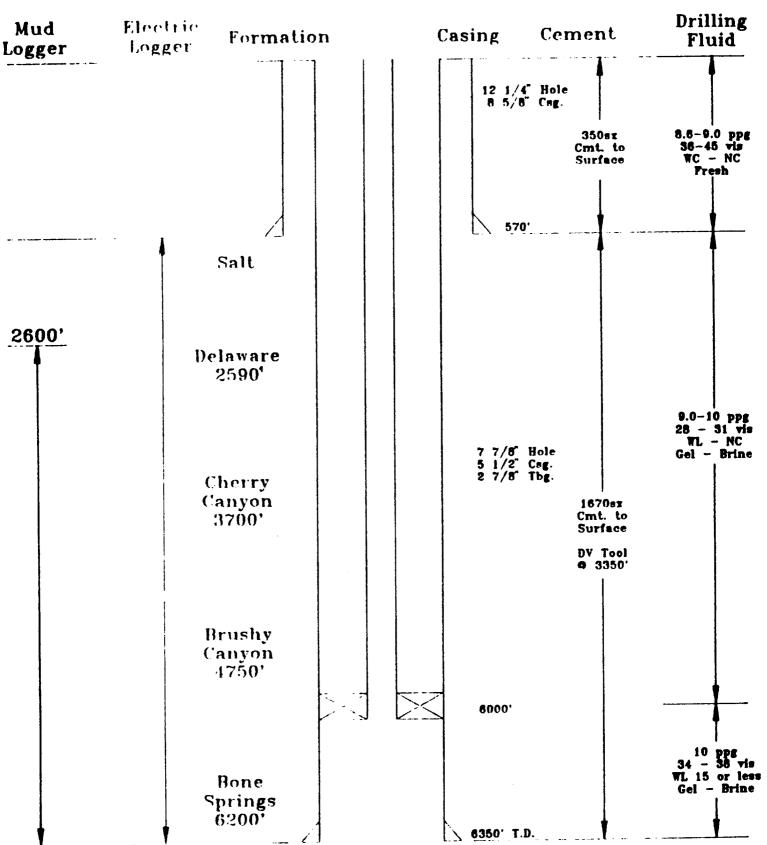
If construction activities have occurred on the referenced drill site, please contact this office at (505) 234-5272 for surface restoration instructions.

If you wish to drill this well at some later date, please refile your application.

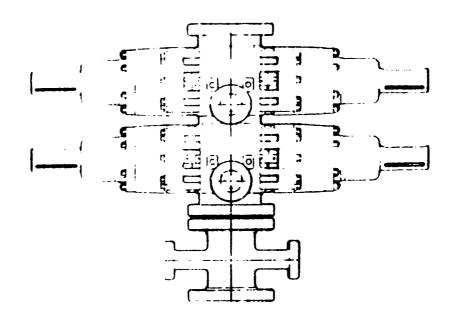
Sincerely,

Richard L. Manus Area Manager

RP operation, Amores Federal #11-8 WELL: East Loving Dolf. 3 FIELD: Development CATEGORY: New Mexico STATE: Eddy COUNTY: 800FFL & 545 FNL, Sec. 11, T-23-S, R-28-E LOCATION: (G.L.) 3040' **ELEVATION:** Electric Mud Formation Logger Logger



## BLOW OUT PREVENTION EQUIPMENT



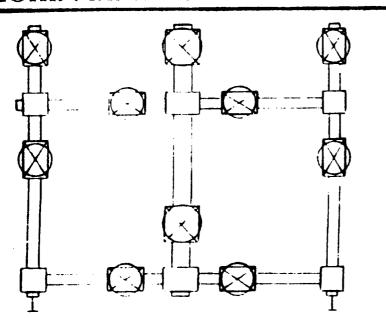
### **BOP** Stack

— 1 Rucker Shaffer "B" double ram 10" - 3(XX) psi WP

### **Closing Unit**

- Hydril model 80 three station accumulator
- Controls located in accumulator house and on rig floor

## **CHOKE MANIFOLD**



900 Series, 3000 psi WP

PLAT #2