Ferm 3160-5 (November 1983) (Formerly 9-331)
9

# UNITED STATES SUBMIT IN TRIPLICATE\* (Other instructions on reverse side) Expires August 31, 1985 Expires August 31, 1985 DEPARTMEN OF THE INTERIOR verse side)

BUREAU OF LAND MANAGEMENT			NM6894		
SUNDS	6 IF INDIAN, ALLOTTEE	OR TRIBE DAME			
			7. UNIT AGREEMENT NAM	E	
OIL GAS WELL X	OTHER				
NAME OF OPERATOR			8. FARM OR LEASE NAME		
RICHMOND PETR	OLEUM INC.			Federal 3 <del>2-8</del> -26	
ADDRESS OF OPERATOR			8. WBLL NO.		
2651 N. Harwood, Suite 360, Dallas, Tx 75201  LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  See also space 17 below.)  At surface			10. FIELD AND POOL OR WILDCAT		
			Basin Fruitland Coal C		
At surface					
	840' FEL (NENE)		Sec 26, T32N,		
840' FNL and	840 FEL (NENE)  15 ELEVATIONS (Show whether DF.	RT, GR. etc.1	Sec 26, T32N,	13. STATE	
		•	Sec 26, T32N,		
840' FNL and	15 ELEVATIONS (Show whether DF.	GR	Sec 26, T32N, 12. COUNTY OR PARISH San Juan	13. STATE	
840' FNL and 4. PERMIT NO. 6.	15 FLEVATIONS (Show whether DF.	GR	Sec 26, T32N, 12. COUNTY OR PARISH San Juan	13. STATE	
840' FNL and 4. PERMIT NO. 6.	15 FLEVATIONS (Show whether DF. 6,782!  Check Appropriate Box To Indicate N	GR	Sec 26, T32N, 12. COUNTY OR PARISH San Juan  Other Data	NM	
840' FNL and 4. PERMIT NO. 6.	15 ELEVATIONS (Show whether DF.  6,782!  Check Appropriate Box To Indicase Name of Intention to:	GR. lature of Notice, Report, or C	Sec 26, T32N, 12. COUNTY OR PARISH San Juan  Other Data  DEET REPORT OF:	NM NM	
840' FNL and 4. PERMIT NO. 6. NOT	15 PLEVATIONS (Show whether DF.  6,782!  Check Appropriate Box To Indicate Notice of Intention to:  PULL OR ALTER CASING	GR.  ature of Notice, Report, or C  subsequence  water shut-off  fracture treatment  shooting or acidizing	SURVEY OR AREA  Sec 26, T32N,  12. COUNTY OR PARISH  San Juan  Other Data  DENT REPORT OF:  REPAIRING WE  ALTERING CAS  ABANDONMENT	13. STATE NM	
840 FNL and 4. PERMIT NO. 6. NOT TEST WATER SHUT-OFF FRACTUBE TREAT	15 ELEVATIONS (Show whether DF.  6,782!  Check Appropriate Box To Indicate N  ICE OF INTENTION TO:  PULL OR ALTER CASING  MULTIPLE COMPLETE	ature of Notice, Report, or C subsequence water shut-off practure treatment shooting or acidizing (Other: Spud well	SURVEY OR AREA  Sec 26, T32N,  12. COUNTY OR PARISH  San Juan  Other Data  DENT REPORT OF:  REPAIRING WE  ALTERING CAS  ABANDONMENT	NM  BELL  SING  X	

The Federal 32-8-26 No. 1 well was spud August 25, 1989. Drilling history attached.



18. I hereby certify that the foregoing is tree and correct  SIGNED TITLE  Agent	DATE _8/30/89
Steven S. Dunn Agent This space for Federal or State office use)	2008 (10.10.10.10.10.10.10.10.10.10.10.10.10.1
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	en e

NMOCD
\*See Instructions on Reverse Side

## CONFIDENTIAL

### FEDERAL 32-8-26 NO. 1 RICHMOND PETROLEUM, INC.

August 9, 1989 to August 11, 1989
Location construction in progress. (CCM)

August 12, 1989

Location construction completed. No further report until rig moves in. (CCM)

August 15, 1989
Built a blow pit for 7" blooey lines. (CCM)

August 16-23, 1989
Waiting for drilling rig. (CCM)

August 24, 1989
Arapahoe Rig #2 moving in. (CCM)

August 25, 1989 - Day No. 1

TD: 285' KB

Current Operation: WOC

Drilled 285' in the last 24 hours. Wt. on bit: All, RPM: 120, Pump press: 800 psi, SPM: 54, mud vis: Spud. Bit #1 - 12-1/4" DSJ. MIRU Arapahoe rig #2, drilled rat hole and mouse hole. Drilled 285' of 12-1/4" hole. Ran 6 jts of 9-5/8" new csg. hauled from Vincent Supply and cemented as follows: Ran cement nosed guideshoe on bottom and one centralizer - 1 jt. off bottom. Mixed and pumped 150 sx Class "B" cement w/ 2% CaCl and 1/4#/sk cello flake mixed @ 1.18 cu. ft/sk - density: 15.6#/gal. and displaced. Circulated 16 Bbls cement to surface. SWI. WOC. (CCM)

Rig time: Rig idle - 1 hr.

Rig down, move, rig up - 10:45
Drilling rat and mouse hole - 2:30
Drilling 12-1/4" surface hole - 5:45

Circulate - :15 Survey, TOH - :30 Run 9-5/8" csg. - 2:15 Circulate and cement - :30 WOC - :30

Arapahoe Rig #2

August 26, 1989 - Day No. 2

TD: 1,178' K.B.

Current Operation: Drilling.

Drilled 893' in the last 24 hours. Wt. on bit: 30,000, RPM: 70, Pump pressure: 900, SPM: 52, Mud vis:  $H_2O$ . Bit #2 - 8-3/4"

Federal 527 B.

Surveys: 1/2° @ 285', 1/4° @ 772' Rig time: Run 269' 9-5/8" casing and

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### FEDERAL 32-8-26 NO. 1 - cont.

cement w/ BJ - 2 hours
WOC, nipple up BOP, press. test to
800 psi - ok, TIH 200' drilling 85' cement
and cement plug - 12 hours
Surveys - :30
Drilling - 9:30

Arapahoe Rig #2

August 27, 1989 - Day No. 3

TD: 2,425' K.B.

Current Operation: Drilling

Drilling 1,247' in the last 24 hours. Wt. on bit: 40,000, RPM:

70, Pump press: 900, SPM: 56, Mud vis: H<sub>2</sub>O.

Surveys: 3/4° @ 1,270', 3/4° @ 1,770'.

Rig time: Service rig, check BOP and surveys - :45

Drilling - 23:15

Arapahoe Rig #2

August 28, 1989 - Day No. 4

TD: 3,077'

Current Operation: Drilling

Drilled 652' in the last 24 hours. Wt. on bit: 40,000, RPM: 70,

Pump pressure: 900, SPM: 56, Mud vis: H<sub>2</sub>O.

Surveys: 3/4° @ 2,425', 3/4° @ 2,922'.
Rig time: Service rig and check BOP - :15

Mrin for hit - 2 hours

Trip for bit - 3 hours

Surveys - :30 Drilling - 20:15

Arapahoe Rig #2

August 29, 1989 - Day No. 5

TD: 3,200' K.B.

Current Operation: WOC

Drilled 123' in the last 24 hours. Run casing and cement as follows: Break circulation with 20 Bbls water. Mix and pump 210 sx Class "B" cement containing 2% thriftyment and 1/4#/sk cello flakes, yield 2.06 cu ft/sk, weight 12.48 lb/gal, mix water 11.85 gal/sk. Mix and pump 150 sx of Class "B" with 2% CaCl and 1/4#/sk cello flakes, yield 1.18 cu ft/sk, weight 15.6 lb/gal, mix water 5.2 gal/sk. SD, wash pump and lines. Drop top wiper plug and displace cement with 122.5 Bbls water. Bump plug, release pressure, float held. 0 Bbls cement to surface. Total pipe threads off: 80 jts. 3,300.78'

ITEM	<u>LENGTH</u>	DEPTH K.B.
Cement nose guideshoe	.80	
#1 jt shoe joint	40	3,179.74'
Baker float collar	.90	PBTD @ 3,138.94'

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### FEDERAL 32-8-26 NO. 1 - cont.

76 jts. 7" 23# casing

3,138.04

Surveys: 1-3/4° @ 3,200' Rig time: Drilling - 3:00

Service rig and check BOP - :15

Circulating - 3:00

Lay down drill pipe and drill collars - 2:30

Change pumps, rig up casers - :30 Run 7" casing - 2:00

Rig up to cement with BJ - 1:45

WOC - 11:00

(Arapahoe Rig #2)