

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-1
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL

NM-18328

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ GAS ☐ OTHER ☒
WELL ☐ WELL ☒ OTHER ☐
2. NAME OF OPERATOR
Richmond Petroleum Inc.
3. ADDRESS OF OPERATOR
2651 N. Harwood, Suite 360, Dallas, Texas 75201
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
870' FNL & 1110' FEL (NENE)

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,428' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. Federal 29-4-32
WELL NO.

10. FIELD AND POOL OR WILDCAT

Basin Fruitland Coal Gas

11. SEC., T., R., M., OR BLE. AND
SURVEY OR AREA

Sec. 32, T29N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT OFF

PULL OR ALTER CASING

WATER SHUT OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Completion

X

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE SUSPENDED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

Completion history attached.

RECEIVED

OCT 30 1989

OIL CON. DIV.

DIS. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Steven S. Dunn

TITLE Engineer

DATE 10/3/89

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
DATE

OCT 31 1989

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to an
United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

1 MOON

CONFIDENTIAL

FEDERAL 29-4-32 No. 1

August 30, 1989 - Day No. 7

TD: 4,487' K.B.

Current Operation: Lay down drill pipe. Drilled 499 ft. in the last 24 hours. Mud vis: 4.6, Wt: 9.3, W.L.: 10.0

Rig time: Rig service and check BOP - :15

Drilling - 20:00

Circulate - 2:00

Lay down drill pipe - 1:45

Arapahoe Rig #7

August 31, 1989 - Day No. 8

TD: 4,487' K.B.

Current Operation: Rig idle.

8:45 a.m. started running csg., and cemented as follows:

<u>ITEM</u>	<u>LENGTH</u>	<u>DEPTH ' K.B.</u>
Cement nose guideshoe	.80'	4,487' K.B.
1 jt. 5.5" 15.5#/ft csg.	34.85'	4,451.35' K.B.
Self fill insert float	0.00	4,451.35' K.B.
130 jts 5.5" 15.5#/ft csg.	<u>4,475.16'</u>	
	4,510.82'	

Ran 131 jts. range 2, 5.5" 15.5#/ft csg. 4,510.01' thds off. Total pipe delivered was 164 jts. = 5,647.40' thds off. Csg. description: 5.5" 15.5#/ft grade K 8rd L.T. & C. range 2 new csg. T.S.I. Quintana Petrospect CD/DA/WA D-4060 B4547 2-1.

Cemented csg as follows: Pumped 20 Bbls water ahead of 400 sx Cl "B" cement w/ 2% sodium metasilicate, yield 2.06 cu ft/sk, density 125#/gal. Tail in w/ 200 sx Cl "B" 2% CaCl, yield 1.18 cu ft/sk, density 15.6 #/gal. Shut down, washed pump and lines. Dropped plug and displaced w/ 106 Bbls of fresh water. Bumped plug to 1,500 psi. Bled pressure off. Float held good. No cement back to surface. Good circulation. Called for temperature survey, Set casing in slips as cemented and cut off 5.5" csg. Plug down @ 1:10 p.m. 8/30/89. (CCM)

Rig time: Lay down drill pipe and drill collars - 2:00

Change rams to 5-1/2" csg. and rig up San Juan - 1:00

Run 5-1/2" casing - 2:45

Rig up BJ and circ. w/ rig pump - :30

Cement with BJ - 1:00

Nipple down, set slips, cut off - 3:15

Clean pits, finish nipple down - 3:00

Rig down for highway move - 10:30

Rig released @ 7:30 p.m., 8/30/89

September 1, 1989

TD: 4,487' K.B.

Current Operation: Waiting on Completion.

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FEDERAL 29-4-32 No. 1

September 5, 1989

TD: 4,487' K.B.

Current Operation: Waiting on Completion.

September 13, 1989

TD: 4,487' K.B.

Current Operation: Rigged up Smith and pressure test casing to 3,800 psi. for 15 min. Held good. Rigged down Smith and rigged up Schlumberger to perforate coal per Compensated Neutron Gamma Ray CCL as follows: All 4 SPF, 4,192' - 4,230' K.B., 4,136' 48' K.B. and 4,108' -4,110' K.B. No flow at surface. Rigged down Schlumberger. SWI. Waiting on frac job. (CCM)

September 14, 1989

TD: 4,487' K.B.

Current Operation: Waiting on frac job. (CCM)

September 15, 1989

TD: 4,487' K.B.

Current Operation: W.S.I. set wellhead saver and nipped up frac manifold. Rigged up Smith Energy Services. All fluid was Smith 30# crosslink acetate gel. All fluid contained 350 SCF/Bbl Co₂. Frac as follows:

33,516 gal. gel/Co₂ Pad w/ 5,000 lbs 40-70 sand @ 1#/gal
9,660 gal. @ 1#/gal. 40-70 sand
9,660 gal. @ 2#/gal. 12-20 sand
10,374 gal. @ 3#/gal. 12-20 sand
10,626 gal. @ 4#/gal. 12-20 sand
5,250 gal. @ 5#/gal. 12-20 sand

Well screened out w/ 120,948 lbs sand in casing @ 4,200 psi pressure @ 1,200 psi in 15 min. - average injection rate - 40 BPM. Average STP - 1,600 psi. Flow back well after shut-down. Well died in one hour. Shut-in. (CCM)

September 19, 1989

TD: 4,487' K.B.

Current Operation: Waiting on Completion.

September 20, 1989

TD: 4,487' K.B.

Current Operation: Set anchors. Move Big A Rig #10 on location. Rig up unit, pump and pit. Nipple down wellhead, nipple up BOP, tally and pickup 2-3/8" tbg to 2,842'. Tagged sand, washed 75' sand and fell through. RIH. Tagged sand @ 3,273'. Circulate out sand. Going in hole to 4,108'. Pull off bottom. SDON. (AMM)

September 21, 1989

TD: 4,487' K.B.

Current Operation: Clean out to 4,420'. Circulate one hour. Pull above perfs 30 min. Run to bottom. Check for fill - no fill. Pull to bottom perf @ 4,215'. Rig up to swab. Made ten runs.

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Well started making sand. Pull above perf @ 4,078'. Swab well. Made 5 runs. Total fluid recovered 645 Bbls water. (Lost 220 Bbls water while circulating to bottom). SDON.

September 22, 1989

TD: 4,487' K.B.

Current Operation: Tubing pressure: 0 psi. Casing pressure: 0 psi. Made 26 swab runs today. Swabbed and flowed 85 Bbls fluid today. Still making some sand. Casing built to 100 psi. Tubing flowing 30 - 40 min. after each run. Fluid level stabilized @ 1,800' K.B. (CCM)

September 23, 1989

TD: 4,487' K.B.

Current Operation: Casing pressure: 560 psi. Tubing pressure: 650 psi. Bled well off. Started swabbing. Made 15 runs - well kicked off and flowed one hour then logged off. Well would flow 30 min. after each run. Total of 21 runs. Recovered 60 Bbls water. SDON. (ARM)

September 24, 1989

TD: 4,487' K.B.

Current Operation: SDOWE. (ARM)

September 25, 1989

TD: 4,487' K.B.

Current Operation: SDOWE. (ARM)

September 26, 1989

TD: 4,487' K.B.

Current Operation: Swab well. Made 18 runs - fluid level @ 1,800'. Recovered 50 Bbls water. Well flowing 30 min. after each run. (ARM)

September 27, 1989

TD: 4,487' K.B.

Current Operation: Casing pressure: 680 psi. Tubing pressure: 720 psi. Swabbing well. Made 6 runs. Fluid level @ 2,200'. Well kicked off and flowed 1 hour. Recovered 20 Bbls water. Well logged off. Run in hole to check for fill. Tagged fill @ 4,368'. Pull out of hole, run in hole with production string. Land tubing. Nipple up wellhead. Rig unit down. Move off location. (ARM)

Production String

1 jt 2-3/8" EUE mud anchor	32.50
1 - 4' perf sub	4.00
2-3/8" seating nipple	1.00
127' jts 2-3/8" EUE tubing	4,079.43
KB 11'	

September 28, 1989

TD: 4,487' K.B.

Current Operation: Waiting on surface equipment. (ARM)