

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BLOOMFIELD 32-6 -10
8. Well No. 11
9. Pool name or Wildcat Basin Fruitland Coal Gas

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator RICHMOND PETROLEUM INC.
3. Address of Operator 2651 N. Harwood, Suite 360, Dallas, Texas 75201	4. Well Location Unit Letter F : 1470 Feet From The North Line and 1815 Feet From The West Line Section 10 Township 32N Range 6W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6182' GL
--

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Spud & Drilling Notice <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud BLOOMFIELD 32-6-10 #11 on 10/27/89 at 6:45 A.M. DRILLING HISTORY ATTACHED.

CONFIDENTIAL

RECEIVED
DEC 15 1989
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Steven S. Dunn TITLE Engineer DATE 12/14/89
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Charles Shulman DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE Dec. 15 1989
CONDITIONS OF APPROVAL, IF ANY:

BLOOMFIELD 32-6-10 NO. 1 R

October 26, 1989

Current Operation: Rig repair. Move and rig up Earth Drilling Rig No. 1 twenty feet north of junked hole. (CCM)

Earth Drilling Rig No. 1

October 27, 1989

TD: 29' KB

Current Operation: Drilling surface hole. Drilled 29' in the last 24 hours with 9-3/4" bit. (CCM)

Earth Drilling Rig No. 1

October 27, 1989

TD: 254' KB

Current Operation: Spud well at 6:45 a.m. Drilled 254' of 12-1/4" hole. Ran 5 jts, 222.14' of 9-5/8" 36# casing. Rig up. Rig up cementers. (ARM)

Earth Drilling Rig No. 1

October 28, 1989

TD: 254' KB

Current Operation: WOC and rigging up to drill out. Cement 9-5/8" casing as follows. Establish circulation with 6 Bbls H₂O. Mix and pumped 150 sx Class "B" with 2% Cacl and 1/4 #/sk cello flakes. Yield 1.18 cu. ft/sk. Weight of 15.6 lb/gl. Displaced with 16 Bbls H₂O to leave 30 ft. cement above shoe. Circulate cement to surface at 4 Bbls. Plug down at 6:50 a.m. (ARM)

Earth Drilling Rig No. 1

October 29, 1989

TD: 254' KB

Current Operation: Rigging up to drill out. (CCM)

Earth Drilling Rig No. 1

October 30, 1989

TD: 254' KB

Current Operation: Working on pump engine. Drilled 30' of good cement inside 9-5/8" csg. Drilled 30' under csg. and pump started knocking. (CCM)

Earth Drilling Rig No. 1

October 31, 1989

TD: 254' KB

Current Operation: Working on pump engine.

RECEIVED
DEC 1 5 1989
OIL CON. DIV.
DIST. 3

Earth Drilling Rig No. 1

November 1, 1989

TD: 490' KB

Current Operation: Drilling.

Drilled 231' in last 24 hours.

Rig time:

Drilling - 6 hrs

Work on pump - 18 hrs.

Earth Drilling Rig No. 1

November 2, 1989

TD: 1,137' KB

Current Operation: Pump repair.

Drilling 14.5 hrs. 647' drilled. 8.5 hrs. rig repair.

Surveys: 1° @ 697' K.B. and 1° @ 1,137' K.B.

Pump pressure: 450 psi. 55 SPM. 90 RPM. Wt on bit: 33,000 #.
(CCM)

Earth Drilling Rig No. 1

November 3, 1989

TD: 1,784' KB,

Current Operation: Drilling.

Drilled 647' in the last 24 hours. Formation: sand and shale.

Bit #2 - 8-3/4" Smith F15.

Surveys: 1° - 1,499'

Rig time:

Drilling 16-1/4 hrs

Rig Service 1/2 hrs

Rig Repair 6-1/4

November 4, 1989

TD: 1939' KB

Current Operation: Rig repairs. Drilled 155 ft. in last 24 hrs.

Bit #2 - 8-3/4" Smith F-15. Formation: Sand and shale. (ARM)

Earth Drilling Rig No. 1

November 5, 1989

TD: 1939' KB

Current Operation: Rig repairs. (ARM)

November 6, 1989

TD: 1939' KB

Current Operation: Rig repairs. (ARM)

Earth Drilling Rig NO. 1

November 7, 1989

TD: 1,939' KB

Current Operation: Rig repairs.

RECEIVED
DEC 15 1989
OIL CON. DIV.
DIST. 3

November 10, 1989

TD: 2,062' KB

Current Operation: Rig repairs.

Drilled 123' in the last 24 hours. Bit #2 - 8-34" Smith F-14 - in @ 242'. 47-1/2 hrs on bit. Drilling fluid - water w/ P-1000.

Formation: Sand and Shale.

Surveys - 1/2° @ 2,000'.

Rig time

Rig Repair	13.5 hrs
Trip	2.5 hrs
Wash to bottom	2 hrs
Drilling	5.5 hrs
Survey	.5 hr

Earth Drilling Rig No. 1November 11, 1989

TD: 2,500' KB

Current Operation: Circulate and condition hole.

Drilled 438' in last 24 hours. MW: 9.1; Vis: 52.

Survey - 1° @ 2,500'

Rig time:

Drilling	16-3/4 hrs
Repairs	3-1/2 hrs
Circulate	1-3/4 hrs
Trip	1 hr
Service Rig	1/2 hr
Surveys	1/2 hr

Earth Drilling Rig No. 1November 12, 1989

TD: 2,500' KB

Current Operation: Rigging up for completion.

Lay down drill pipe and collars. Rig up to run casing. Run 7" casing and cement as follows:

<u>ITEM</u>	<u>LENGTH</u>	<u>DEPTH</u>
Float Shoe	1.80	2,470.31' KB
61 jts 7" 23# bustress	2453.51	2,468.51' KB

Circulated 45 min with rig pump. Rigged up Haliburton and pumped 10 Bbls H₂O ahead of 400 sx of class "B" cement containing 2% Thriftyment and 1/4#/sk cello flakes. Yield - 2.04 cf/sk. Density - 12.48 lb/gal. Tail in with 150\sx of class "B" cement containing 2% calc and 1/4# per/sk cello flakes. Yield - 1.18 cf/sk. Density - 15.6 lb/gal. Drop plug and displace with 97.5 bbls water. Did not bump plug. Circulated 22 Bbls cement to surface. Float held okay.

November 15, 1989

TD: 2500' KB

Current Operation: RU BOP stack surface equipment for completion. (CCM)

Earth Drilling Rig No. 1

November 16, 1989

Current Operation: Tripping in the hole w/ drill string and 7-1/8" bit.

Rigging up surface equipment and BOP stack. Pressure test tank to 2,500 psi w/ Quadco, Inc. (CCM)

November 17, 1989

Current Operation: Drilling @ 2,600' K.B. Casing shoe @ 2,468' K.B. Drilled 132' in 12 hours drilling. No coal shows. (CCM)

Earth Drilling Rig NO. 1

November 18, 1989

Present Operation: Fishing for cones. Drilling ahead to 2,652'. Rig up to drill with air and water. Drill to 2,686'. Bit torquing up. Circulate hole clean. TOH. Left three cones in hole. RIH w/ six inch magnet with skirt. Washed down 30 ft with air and water. Water rate: 4 BPM. Air rate: 1,500 cu ft/min. (ARM)

November 19, 1989

Current Operation: Gauge gas rate. Washed down 80 ft to 2,686'. Circulate hole clean. POH. Run back in hole with six inch magnet and washed down to 2,686'. Circulated hole clean. TOH. TIH w/ 6-1/8" J55 Hughes rerun bit. Drill ahead w/ 1,500 cu ft air and 4 BPM water to TD of 2,743'. Circulated hole. Pull into 7" casing. Gauge well. 5 psi on 3/4" choke at end of 3 hours. 6 psi on 3/4" choke at end of 1 hour. (ARM)

November 20, 1989

Current Operation: Surging well. Continue to gauge well. SI for build up. Two hour SI - 310 psi. Bleed well off. RIH to 2,713'. Surging well with 20 Bbls water. Pumped air for 25 min. Repeat process for 6 hours. Pull into 7" casing. Test well. Two hours on 3/4" choke - 4 psi. SWI. Two hours on 3/4" choke - 340 psi. Water gauge: 8 min. 15 sec. to fill five gal bucket. Open well. bleed off. TIH to 2,713'. Started surging procedure again. (ARM)

Earth Drilling Rig No. 1

November 21, 1989

Current Operation: Surging well. Surge well w/ 20 Bbls water and blow with air for 25 min. Repeat process for 3 hours. Change to 15 Bbl plug of water and pumped air 45 min. Started getting better returns. Pull into 7" casing. Gauge well: 1 hr, 3/4" choke - 4-1/2 psi. Surge well with water and air - 800 psi on drill pipe, 400 psi on casing. Repeat process for two hours. RIH, clean out to bottom - 10 ft of fill. Blow well with air and water - 15 Bbl plug of water. Blow air for 45 min. Repeat for 6 hours. Pull into 7" casing. Test well: 1 hr, 3/4" choke - 4-1/2 psi. Two hour SI: 380 psi. (ARM)

Earth Drilling Rig No. 1

November 22, 1989

Current Operation: LDDP & DCs

Bleed well off. Trip to bottom, clean out 10' fill with air. Blow well 6 hrs with air (1500 CFM). Load hole with water and circulate. TOH. RU to run csg, PU 348.65' of 4-1/2", 10.5# csg with landing collar and flapper guide shoe on bottom. Brown Hyflo hanger and 78 jts of 3-1/2" DP to 2743', circ hole with rig pump and cement as follow: Set Brown Hyflo Hanger, RU cementers - pumped 10 bbls wtr ahead of 75 sx of Class "G" cement containing 1% CaCl₂, 2-1/4# celloflake/sx, yield 1.15 cu.ft./sx density of 15.8#/gl. Drop wiper plug and displace with 24 bbls water. Pull out of and pack off hanger, reverse out cement with 84 bbls water. Did not bump plug, had problems backing off hanger, packed off-OK. POOH. (ARM)

November 24, 1989

Current Operation: Shut down.

Finish laying down drill pipe and drill collars. Start rigging down equipment. Shut down for holidays. (ARM)

November 25 - 27, 1989

Current Operation: Shut down for holidays. (ARM)

Earth Drilling Rig No. 1

November 28, 1989

Current Operation: Nipple down drilling head, BOP stack, blooie lines and kill manifold. Haul all rental equipment to town and unload. (ARM)

Earth Drilling Rig No. 1

November 29 - December 6, 1989

Current Operation: Waiting on completion. (CCM)

December 7, 1989

Current Operation: Clean up and level location. Waiting on completion. (ARM)

December 12, 1989

Current Operation: Waiting on completion. (CCM)

December 13, 1989

Current Operation: Rigged up Schlumberger to log. Could not get through liner top with tools. Released loggers. Will move in completion rig to cleanout. (CCM)