

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 Santa Rosa 5	
8. Well No.	2
9. Pool name or Wildcat	Basin Fruitland Coal
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5578' GL; 5588' RKB	

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 Robert L. Bayless	
3. Address of Operator P.O. Box 168, Farmington NM 87499	
4. Well Location Unit Letter N : 895 Feet From The FSL Line and 1975 Feet From The FWL Line Section 5 Township 29N Range 9W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5578' GL; 5588' RKB	

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: See Below <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, Set Surface Casing, Log, and Cement Longstring

See Attached Daily Report.

RECEIVED

OCT 16 1990

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 Robert L. Bayless TITLE Operator DATE 10-15-90
TYPE OR PRINT NAME Robert L. Bayless TELEPHONE NO. 505/326-2659

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE OCT 16 1990
CONDITIONS OF APPROVAL, IF ANY:

ROBERT L. BAYLESS

P. O. BOX 168
FARMINGTON, NM 87499

FAX NO
(505) 326-6911

OFFICE NO
(505) 326-2659

ROBERT L. BAYLESS
SANTA ROSA #5-2
895' FSL & 1975' FWL
SECTION 5, T29N, R9W
SAN JUAN COUNTY, NM

10-09-90 Spud well at 7 p.m. - Drilling Boulders

10-10-90 Drilled 170 ft. of 12 1/4" hole through boulders. Ran 4 jts. (159.12 ft) of 8 5/8" 24 #/ft J-55 used surface casing and land at 169 ft RKB. Rigged up Cementers, Inc. Cemented surface with 225 sx (266 ft³) of Class B cement with 3% CaCl₂ - good circulation throughout job. Circulated 7 bbls of cement to surface. Plug down at 9:45 p.m., 10/9/90. Wait on Cement.

10-11-90 Drilling at 1064'. Water flow at approximately 600 ft.

10-12-90 Well still flowing water from approximately 600 ft. Bit #5 junked due to stray boulder in hole. Drilling at 1740'.

10-13-90 TD well at 2261 ft. at 3:30 p.m., 10-12-90. Circulate and condition hole. Short trip - trip out for logs - BOP closed on drillpipe. Pulled collar off surface casing. Well started flowing water and gas. Trip in hole to 1317 ft. Pump 100 bbl. pill of 9.5 ppg mud. Laydown drillpipe and collars. Run 54 jts. of 4 1/2" 10.5 #/ft J-55 New Maverick casing as follows:

<u>DESCRIPTION</u>	<u>LENGTH</u>	<u>DEPTH</u>
KB to landing point	10.00	0-10
53 jts. 4 1/2" 10.5#/ft J-55 New		
Maverick casing (includes cutoff)	2187.22	10-2197
1 EZ fill float	1.45	2197-2199
1 jt. 4 1/2" 10.5 #/ft J-55 New		
Maverick casing shoe joint	35.60	2199-2234
1 cement filled guide shoe.	<u>0.85</u>	2234-2235
	2235.12	

Centralizers at 1923, 2007, 2088, 2171, 392, 307, 223, and 95.

Rigged up Halliburton - pumped 10 bbls. of water ahead - cemented longstring with 25 sx (30 ft³) of Class B cement followed by 225 sx (464 ft³) of Class B cement with 2% econofill tailed by 350 sx (441 ft³) of 50/50 pozmix with 2% gel and 10% salt - partial to good circulation throughout job. Circulated 35 bbls of cement - bumped plug to 1350 PSI - held OK - Killed water and gas flow - plug down at 7:30 a.m., 10/13/90. Repaired damaged surface casing and wellhead - set slips and cutoff casing. Released rig. Wait on Completion.

Submit to: Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87500-0088

OIL CON. DIV.
DIST. 3

Form C-101
Revised 1-1-89

API NO. (assigned by OCD on New Wells) <u>30-045-28160</u>	
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 Santa Rosa 5	
8. Well No. <u>2</u> <u>5/320</u>	
9. Pool name or Wildcat Basin Fruitland Coal	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator Robert L. Bayless					
3. Address of Operator P.O. Box 168, Farmington, NM 87499					
4. Well Location Unit Letter <u>N</u> : <u>895</u> Feet From The <u>PSL</u> Line and <u>1975</u> Feet From The <u>FWL</u> Line Section <u>5</u> Township <u>29N</u> Range <u>9W</u> NMPM <u>San Juan</u> County <u>NM</u>					
10. Proposed Depth 2200'		11. Formation Fruitland Coal			
12. Rotary or C.T. Rotary		13. Elevations (Show whether DF, RT, GR, etc.) 5578' GL 5588' RKB			
14. Kind & Status Plug Bond		15. Drilling Contractor Bayless Drilling			
16. Approx. Date Work will start ASAP		17. PROPOSED CASING AND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0#	120'	90/106 ft ³	surface
7-7/8"	4-1/2"	10.5#	2200'	500/729 ft ³	surface/see long string cementing

Will drill 12-1/4" hole to 120' and set 120' of 8-5/8" 24.0 #/ft J-55 used casing, cementing with 106 ft³ Class B cement, circulated to surface. Will drill 7-7/8" hole to 2200' and run 2200' of 4-1/2" 10.5 #/ft J-55 new casing and cement as per attached longstring cementing guidelines. Circulating medium while drilling will be clear water, natural mud and waterloss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density Logs. Blowout preventer and safety equipment schematics are attached. The gas from this formation is not dedicated to a gas contract.

ESTIMATED TOPS: Ojo Alamo - 935'
Kirtland - 1065'
Fruitland - 1795'
Pictured Cliffs - 2116'
Total Depth - 2200'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Kevin H. McCord

TITLE Petroleum Engineer

DATE 8-17-90

TYPE OR PRINT NAME Kevin H. McCord

TELEPHONE NO 505-326-2100

(This space for State Use)

APPROVED BY [Signature]

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE AUG 22 1990

CONDITIONS OF APPROVAL, IF ANY.

APPROVAL EXPIRES 2-22-91
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT 1

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT II

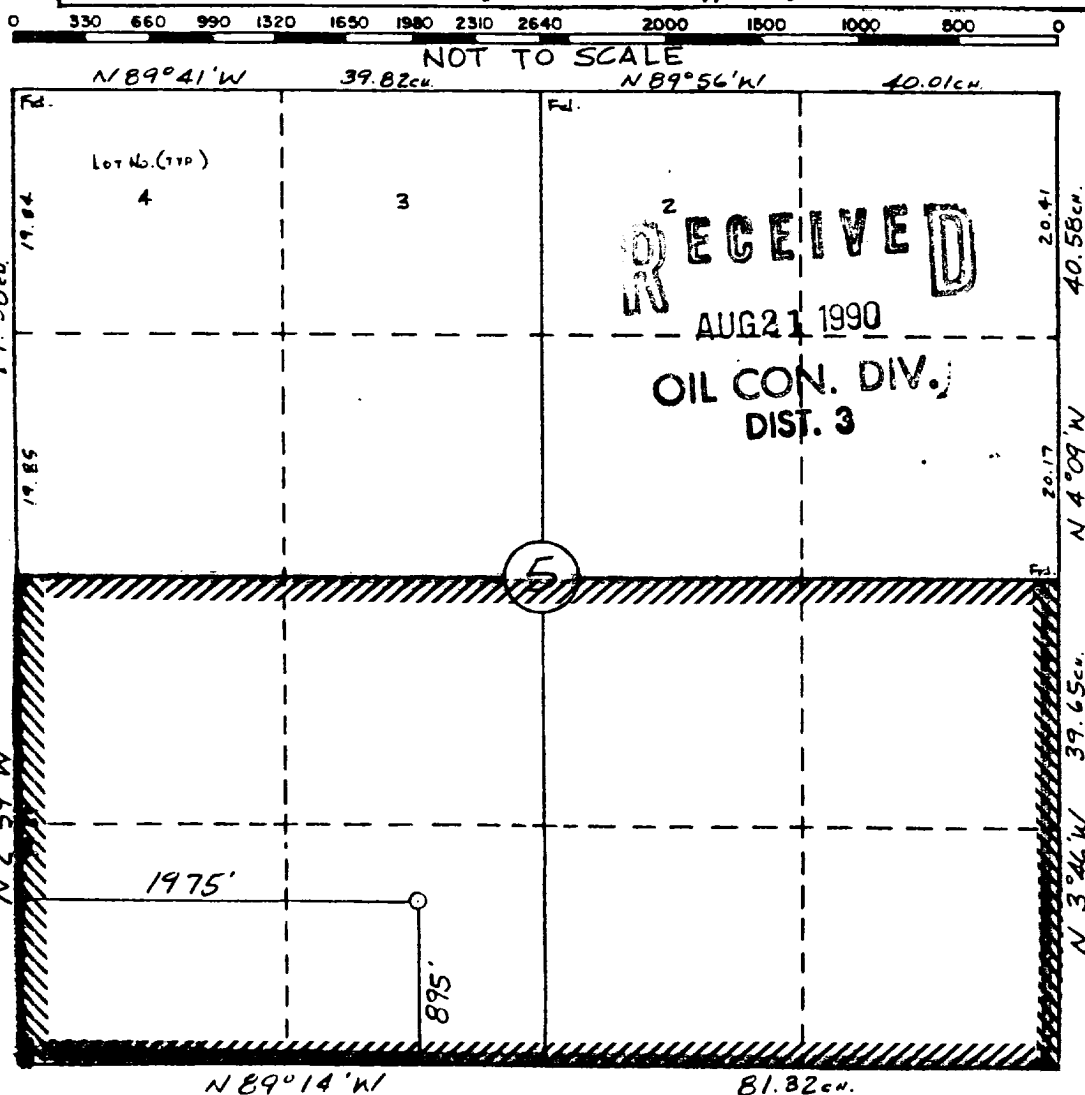
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ROBERT L. BAYLESS			Lease SANTA ROSA		Well No 5-2	
Unit Letter N	Section 5	Township 29 N	Range 9 W	County NMJM	San Juan	
Actual Footage Location of Well: 895 feet from the South line and 1975 feet from the West line						
Ground level Elev. 5578	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
- ☐ Yes ☐ 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 this form if necessary). _____
- No allowable well 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature _____

Kim A. McGon

Printed Name _____

Kevin H. McCord

Position

Petroleum Engineer

Company

Bayless Minerals, Inc.

Date _____

6-7-90

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

5-17-90

Date Surveyed _____

William E. Mahbke II

Signature & Seal of Professional Engineer

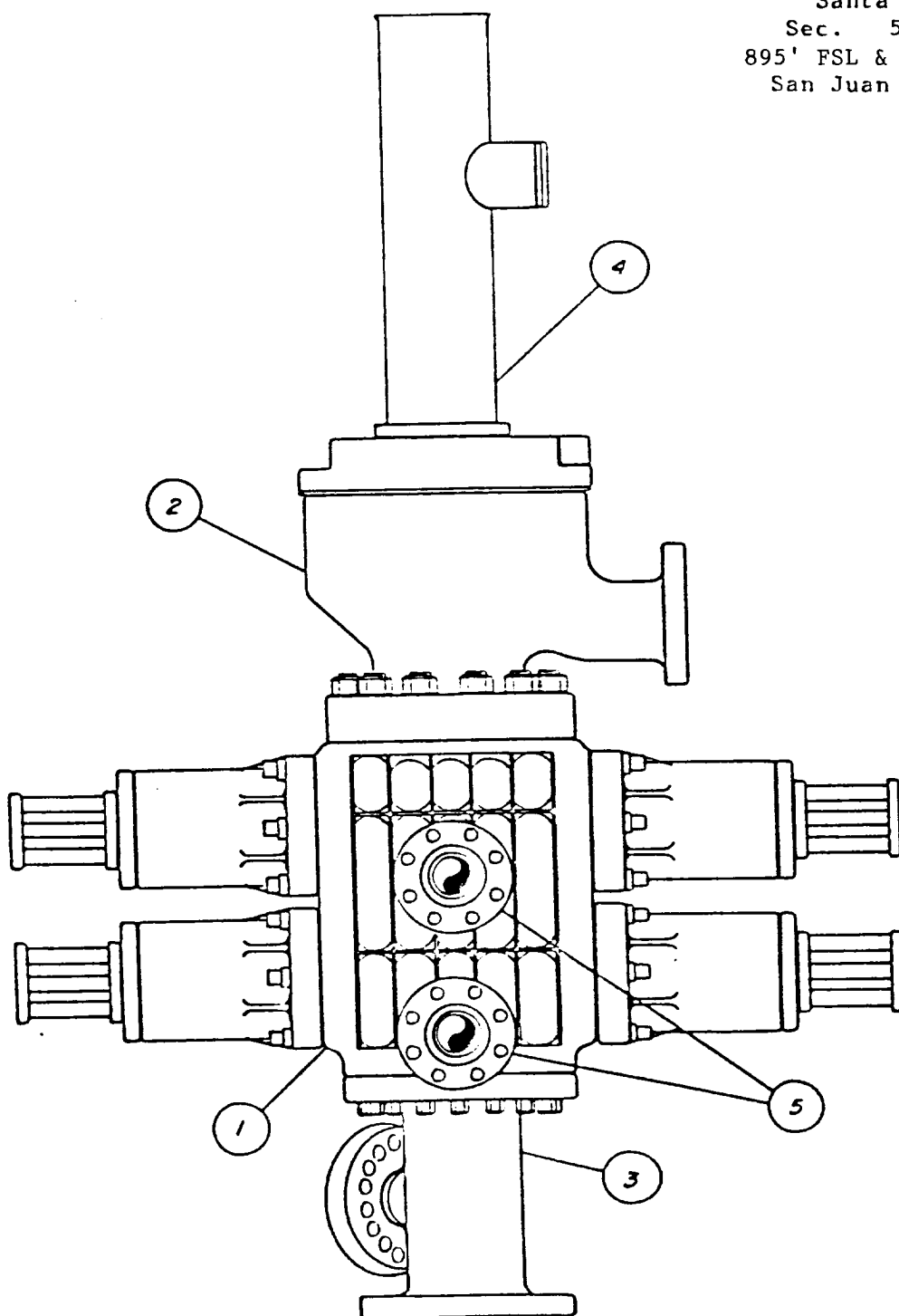
W/M NE

REC-11



Certificate No.

Robert L. Bayless
 Santa Rosa 5-2
 Sec. 5-T 29N-R 9 W
 895' FSL & 1975' FWL
 San Juan County, NM



- ① SHAFER 11" 3000 LB MODEL LWS MANUAL LOCK RAM BLOWOUT PREVENTER
- ② GRANT 11" 3000 LB ROTATING DRILL HEAD, if conditions warrant, otherwise flow nipple above BOP
- ③ 11" SPOOL
- ④ 11" FLOW NIPPLE
- ⑤ 4" 3000 LB NOZZLE

ROBERT L. BAYLESS
SANTA ROSA #5-2
895' FSL & 1975' FWL
Sec. 5, T29N, R9W
San Juan Co., N.M.

