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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## 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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator AMOCO PRODUCTION COMPANY		8. Farm or Lease Name Earl B. Sullivan
3. Address of Operator 501 Airport Drive Farmington, NM 87401		9. Well No. 1
4. Location of Well UNIT LETTER B, 810 FEET FROM THE North LINE AND 1690 FEET FROM THE East LINE, SECTION 26 TOWNSHIP 29N RANGE 11W NMPM.		10. Field and Pool, or Wildcat Bloomfield Chacra
15. Elevation (Show whether DF, RT, GR, etc.)		12. County San Juan

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

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

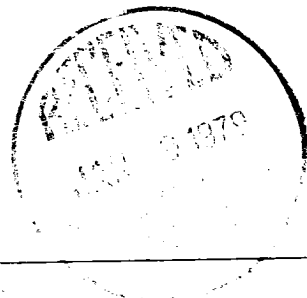
### SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Spudded & Ran Casing

17. 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.

Spudded 12-1/4" hole on 12/23/78. Drilled to 283'. Ran 8-5/8", 24#, K-55 casing; landed at 283'. Cemented with 350 sx Class "B" Neat 2% CaCl<sub>2</sub>. Circulated good cement. Pressure tested to 600 psi; held OK. Reduced hole to 7-7/8" and drilled to 2861'. Ran 4-1/2", 10.5#, K-55 casing; landed at 2860'. Cemented with 335 sx Class "B" 50:50 Poz, 6% gel, 10# gilsonite per sx. Followed with 100 sx Class "B" Neat. Did not circulate. Cemented down bradenhead with 100 sx Class "B" Neat.

Rig released on 12/29/78.



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

SIGNED Original Signed TITLE Dist. Adm. Supervisor DATE 1/5/79

Original Signed by A. R. Kendrick

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## 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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator AMOCO PRODUCTION COMPANY		8. Farm or Lease Name Earl B. Sullivan
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		9. Well No. 1
4. Location of Well UNIT LETTER <u>B</u> <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>1690</u> FEET FROM THE <u>East</u> LINE, SECTION <u>26</u> TOWNSHIP <u>29N</u> RANGE <u>11W</u> NMPM.		10. Field and Pool, or Wildcat Bloomfield Chacra
15. Elevation (Show whether DF, RT, GR, etc.) 5436' GL		12. County San Juan

## 16. 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 checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. 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.

This is to request an extension of approval for drilling as the approval expires October 30, 1978. Our plans call for drilling this well in the near future.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED

EXPIRES -

1-28-79

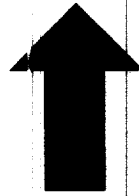
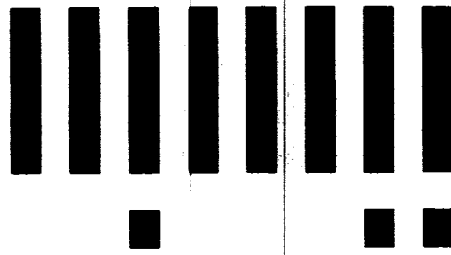
24 1978  
DIST. 3

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

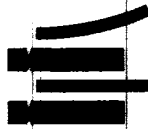
SIGNED Original Signed by A. L. KRUPKA TITLE District Engineer DATE October 23, 1978

APPROVED BY Original Signed by A. R. Kendrick TITLE SUPERVISOR DATE 24 1978

CONDITIONS OF APPROVAL, IF ANY:



**LTR**



**Job separation sheet**

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LAND OFFICE

OPERATOR

## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

## 5a. Indicate Type of Lease

State ☐Fee ☒

## 5. State Oil &amp; Gas Lease No.

## 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.

OIL WELL ☐GAS WELL ☒

OTHER-

## 2. Name of Operator

AMOCO PRODUCTION COMPANY

## 3. Address of Operator

501 Airport Drive Farmington, NM 87401

## 4. Location of Well

UNIT LETTER B, 810 FEET FROM THE North LINE AND 1690 FEET FROMTHE East LINE, SECTION 26 TOWNSHIP 29N RANGE 11W NMPM.

## 7. Unit Agreement Name

## 8. Farm or Lease Name

Earl B. Sullivan

## 9. Well No.

1

## 10. Field and Pool, or Wildcat

Bloomfield Chacra

## 15. Elevation (Show whether DF, RT, GR, etc.)

5436' GL, 5446' KB

## 12. County

San Juan

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐OTHER ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING TEST AND CEMENT JOB ☐OTHER ☐ALTERING CASING ☐PLUG AND ABANDONMENT ☐Perf & Frac ☒

17. 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.

Completion operations commenced on 1/4/79. Tripped in with tubing and bit. Cleaned out to 2806' PBD and circulated hole clean. Pressure tested casing to 3800 psi; held OK. Perforated 2750-2761' with 2 SPF. Fraced with 80,000# SN and 40,000 gal frac fluid. Tripped in hole with tubing. Tagged sand at 2796'. Production tubing landed at 2734'.

Completion unit released on 1/8/79.

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

SIGNED

TITLE District Adm. SupervisorDATE 1/9/79

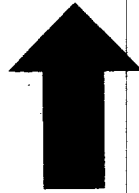
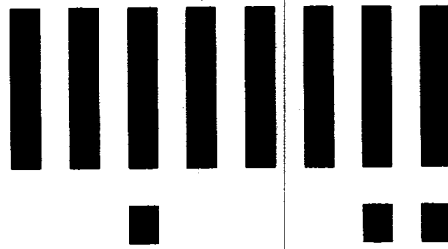
Original Signed by A. R. Kendrick

APPROVED BY

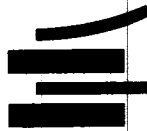
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



**LTR**



**Job separation sheet**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
 Revised 9-1965

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date <b>1/18/79</b>	
Company <b>AMOCO PRODUCTION COMPANY</b>				Connection			
Pool <b>BLOOMFIELD</b>				Formation <b>CHACRA</b>		Unit	
Completion Date <b>1/10/79</b>		Total Depth <b>2861</b>		Plug Back TD <b>2806</b>		Elevation <b>5436</b>	
Farm or Lease Name <b>EARL B. SULLIVAN</b>							
Csg. Size <b>4.50</b>		Wt. <b>10.5</b>		Set At <b>4.052    2860</b>		Perforations: From <b>2750</b> To <b>2761</b>	
Csg. Size <b>2.375</b>		Wt. <b>4.7</b>		Set At <b>1.995    2734</b>		Perforations: From <b>Open</b> To <b>Ended</b>	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple				Packer Set At <b>None</b>		County <b>San Juan</b>	
Producing Thru		Reservoir Temp. °F <b>ρ</b>		Mean Annual Temp. °F		Baro. Press. - P <sub>a</sub> <b>New Mexico</b>	
L	H	G <sub>g</sub> <b>.65</b>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover	Meter Run    Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	<b>8 days</b>						<b>967</b>		<b>967</b>	
1.	<b>2.375</b>		<b>.750</b>				<b>368</b>	<b>60</b>	<b>598</b>	<b>3 Hrs.</b>
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	<b>12.3650</b>		<b>380</b>	<b>1.000</b>	<b>.9608</b>	<b>1.039</b>	<b>4691</b>
2.							
3.							
4.							
5.							

NO.	P <sub>t</sub>	Temp. °R	T <sub>t</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P <sub>t</sub>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>t</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_t^2}{P_t^2 - P_w^2} = \underline{1.6346}$	(2) $\left[ \frac{P_t^2}{P_t^2 - P_w^2} \right]^n = \underline{1.4456}$
1		<b>610</b>	<b>372100</b>	<b>586341</b>		
2						
3						
4						
5						

Absolute Open Flow <b>6782</b> Mcfd @ 15.025		Angle of Slope θ _____		Slope, n <b>.75</b>
Remarks: _____				

Approved By Commission:	Conducted By: <b>R. A. Conner</b>	Calculated By: <b>R. A. Conner</b>	Checked By: <b>J. L. Krupka</b>
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