Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED
JUN 18 2004
OCD-ARTESIA

5. Lease Serial No.: NM-03205
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA/Agreement, Name and/or No.: 89100326Q
8. Well Name and No.: Big Eddy Unit NO. 114
9. API Well No.: 3001526263005S1
10. Field and Pool, or Exploratory Area: Golden Lane Morrow Gas Pool
11. County or Parish, State: Eddy Co., NM

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator: Bettis, Boyle & Stovall
3a. Address: P.O. BOX !@$), Graham, TX 76450
3b. Phone No. *(include area code)*: 940-549-0780, ext. 118
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 2080 FNL & 660' FEL Sec. 21-T21S-R29E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☒ Plug Back	☐ Water Disposal	

WELL DATA:
CSG.: 5-1/2", N-80, 20# & 17# @ 13,152'
TOC: @ 11,555'
PRODUCTION PKR (MODEL DB) W/1.87 BXN
EQUALIZING VALVE @ 12.777 (5-1/2")
CIBP: @ 12,915'
PERFS: 12,762 - 12,801 (OLD - STILL OPEN)
12,660 - 12,762 (OPEN)
TBG: 385 JTS. - 8RD AB MODIFIED L-80 @ 12,449'
PKR: BAKER AL-2 LOC-SET @ 12,468 (5-1/2")

APPROVED
JUN 15 2004
LES BABYAK
PETROLEUM ENGINEER

1) Move in rig up pulling unit, nipple up blow out preventer.
2) Pull out of hole with 2-3/8" tbg. & Baker AL-2 loc-set pkr.
3) Run in hole with 5-1/2" RBP to +/- 12,600', set RBP.
4) Rig up & perf Atoka Sand from (12,002 - 12,008') & (12,208 - 12,214'), 2 SPF.
5) Run in hole with 5-1/2" loc-set pkr. & 2-3/8" tbg. Set pkr. @ +/- 11,950'. Swab test well.
6) Stimulate well possible if needed with 1000 gals. 10% MSA acid.
7) Flow test well.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: Kim Ligon
Title: Regulatory Analyst
Signature: Kim Ligon
Date: 05/25/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
2003 JUL 30 PM 10 30
BUREAU OF LAND MGMT.
CARLSBAD FIELD OFFICE

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

AUG 2003
RECEIVED
OCD - ARTESIA

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other	5. Lease Serial No. NM-03205
2. Name of Operator: Bettis, Boyle & Stovall	6. If Indian, Allottee or Tribe Name
3a. Address: P.O. Box 1240, Graham, TX 76450	3b. Phone No. (include area code): 940-549-0780
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 2080' FNL & 660' FEL Sec. 21-T21S-R29E	7. If Unit or CA/Agreement, Name and/or No. 89100326Q
	8. Well Name and No. Big Eddy Unit No. 114
	9. API Well No. 30015262630051
	10. Field and Pool, or Exploratory Area Golden Lane-Morrow Gas Pool
	11. County or Parish, State Eddy Co., NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Add Morrow perfs
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

NOTE: We did not abandon current Morrow perfs from 12,792 - 12,801 as we had proposed in our Sundry of May 28, 2003.

6/26/03 RU Key rig No. 166, pumped 50 bbls. 5% KCL water down tubing to kill well. Tested csg. to 1000 psig, NUBOP to 5000 psig.

6/27/03 RU to check tbg.

7/08/03 RU Jarrell Wireline & perf as follows: 12,660 - 12,670 (8 holes); 12,696-- 12,704 (6 holes); 12,732 - 12,738 (~~18 holes~~); 12,748 - 12,762 (42 holes)

7/12/03 Acidize perfs with 6600 gals. MOD 101 acid

7/22/03 Turned well down sales line to existing connection with Duke Energy @ 305 MCFPD on 1" office.

ACCEPTED FOR RECORD
AUG - 5 2003
LES BABYAK
PETROLEUM ENGINEER

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

Name (Printed/Typed): Kim Ligon — Title: Regulatory Analyst

Signature: Kim Ligon — Date: 07/28/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

5

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM - 03205

6. If Indian, Allottee or Tribe Name
NONE

7. If Unit or CA/Agreement, Name and/or No.
891000326Q

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Big Eddy Unit #114

2. Name of Operator
Bettis, Boyle & Stovall

9. API Well No.
3001526263005 1

3a. Address
P.O. Box 1240, Graham, TX 76450

3b. Phone No. (include area code)
940-549-0780

10. Field and Pool, or Exploratory Area
Golden Lane - Morrow Gas Pool

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2080" FNL & 660' FEL SEC. 21-T21S-R29E

11. County or Parish, State
Eddy County, New Mexico

RECEIVED
JUN 2003
OCD - ARTESIA

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☒ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

We propose to Plug Back existing perfs @ 12,792-801 and test four additional Morrow zones @ 12,660-70; 12,696-704; 12,732-38; and 12,748-62. We will start work as soon as approved by BLM.

APPROVED
JUN 3 2003
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
MINA BUNYARD

Title PRODUCTION ASSISTANT

Signature Mina Bunyard

Date May 28,2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: NM-03205

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation: NMNM-84619

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.: Big Eddy Unit #114

2. Name of Operator: Bettis, Boyle & Stovall

9. API Well No.: 300152626300

3. Address and Telephone No.: P. O. Box 1240, Graham, TX 76450 817-549-0780

10. Field and Pool, or Exploratory Area: Golden Lane-Morrow Gas Pool

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 2080' FNL & 660' FEL of Sec. 21, T21S, R29E

11. County or Parish, State: Eddy Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other off lease measurement of gas	☐ Dispose Water

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

13. Describe Proposed 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 pertinent to this work.)*

Approval for off lease measurement of gas is requested on the Big Eddy #114. The gas is being measured at Natural Gas Pipeline's Meter 19247 located 660' FNL & 1980' FWL of Sec. 34,T21S,R29E.

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

Signed [signature] Title Production Analyst Date 7/31/92

(This space for Federal or State office use)

Approved by _____ Title _____ Date 8/6/92
Conditions of approval, if any:

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

*See Instruction on Reverse Side

OIL CONSERVATION DIVISION
Artesia, New Mexico

DATE: 11/20/90

BeHis, Boyle, & Stovall
P.O. Box 1240
Graham, Tx 76046

Re: Well~~s~~ placed in pool~~s~~

Gentlemen:

As the result of Division Order R-9326 the following described well ~~(s)~~ (has ~~have~~) been placed in the pool ~~(s)~~ shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

Golden Lane - Morrow Gas Pool

Big Eddy Ut. # 114 H-21-21-29

Transporters are advised, by copy of this letter, to change their records to reflect the pool name as established by this order, effective November 1, 1990.

Sincerely,

Darrell Moore

Darrell Moore
Geologist

cc: Each transporter Permian Natural Gas Pipeline
Mae
PI
Well file
Joe Chism
Santa Fe
Blm

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED		
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LAND OFFICE		
TRANSPORTER	OIL	✓
	GAS	✓
OPERATOR	✓	
PRORATION OFFICE		

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator: Bettis, Boyle & Stovall

Address: P. O. Box 1240, Graham, Texas 76046

Reason(s) for filing (Check proper box)
- [XX] New Well
- [ ] Recompletion
- [ ] Change in Ownership

Change in Transporter of:
- [ ] Oil
- [ ] Dry Gas
- [ ] Casinghead Gas
- [ ] Condensate

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE Golden Lane Morrow

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Big Eddy Unit	114	~~Wildcat Morrow~~	State, Federal or Fee Fed	NM-03205

Location

Unit Letter H : 2080 Feet From The North Line and 660 Feet From The East

Line of Section 21 Township 21-S Range 29E , NMPM, Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [X]	Address (Give address to which approved copy of this form is to be sent)
Permian SCURLOCK PERMIAN CORP EFF 9-1-91	Box 1183, Houston, TX 77251-1183
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address (Give address to which approved copy of this form is to be sent)
Natural Gas Pipeline Co. of America	P. O. Box 283, Houston, TX 77001

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	H	21	21S	29E	Yes	4-11-90

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: *Complete Parts IV and V on reverse side if necessary.*

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Harry M. Bettis, Jr. (Signature)

Harry M. Bettis, Jr., Agent (Title)

4-23-90 (Date)

OIL CONSERVATION DIVISION

APPROVED JUL 30 1990, 19

BY ORIGINAL SIGNED BY MIKE WILLIAMS

TITLE ~~SUPERVISOR, DISTRICT II~~

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviati tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allo able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of conditic

Separate Forms C-104 must be filed for each pool in multip completed wells.

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
12-23-89	3-17-90	13,134'	13,101'
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3394.7' GR	Morrow	12,792'	12,590'
Perforations			**Depth Casing Shoe**
12,792-12,801'			13,101'

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13 3/8"	505'	510 sx
11"	8 5/8"	3,000'	875 sx
7 7/8"	5 1/2"	13,152'	375 sx

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	**Tubing Pressure**	**Casing Pressure**	**Choke Size**
Actual Prod. During Test	**Oil - Bbls.**	**Water - Bbls.**	**Gas - MCF**

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
5288	24'		
Testing Method (pitot, back pr.)	**Tubing Pressure** (Shut-in)	**Casing Pressure** (Shut-in)	**Choke Size**
Flow line	4000	0	18/64"

Form 3160-4
(November 1983)
(formerly 9-330)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Artesia, NM 88210

RECEIVED
APR 27
11:05 AM '90
OIL CON. DIV.
DIST. 2

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Big Eddy Unit

8. FARM OR LEASE NAME: Big Eddy

9. WELL NO.: 114

10. FIELD AND POOL, OR WILDCAT: Golden Lane ~~Wildcat~~ Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 21, T21S-R29E

12. COUNTY OR PARISH: Eddy

13. STATE: NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Bettis, Boyle & Stovall

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

RECEIVED
MAY -2 '90
ARTESIA, OFFICE

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*.)
At surface: 2080' FNL & 660' FEL
At top prod. interval reported below: same
At total depth: same

14. PERMIT NO	DATE ISSUED
	12-15-89

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12-23-89	1-31-90	3-17-90	3394.7' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
13,134'	13,101'		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 12,792-12,801' Morrow

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Sonic, DLML, SDNL, Dipmeter, Multiset Tester

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	505'	17 1/2"	510 sx	
8 5/8"	32#	3,000'	11"	875 sx	
5 1/2"	17-20#	13,152'	7 7/8"	375 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	12,590'	12,590'

31. PERFORATION RECORD (*Interval, size and number*)
12,792-12,801' 4" casing gun 37 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
4-11-90	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-16-90	2	18/64"		---	440	---	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2250	0		---	5288	---	

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sold

TEST WITNESSED BY: Bill Baker

35. LIST OF ATTACHMENTS: DST information, logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Harry N. Bettis, Jr. TITLE Agent DATE 4-23-90

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Morrow	12,970'	13,030'	Gas - Water
	12,790'	12,800'	Gas

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3,230'	3,230'
Bone Spring	6,842'	6,842'
Wolfcamp	10,200'	10,200'
Strawn	11,370'	11,370'
Atoka	11,980'	11,980'
Morrow	12,660'	12,660'

OIL CONSERVATION DIV ON

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-123
Revised 10-1-78

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

RECEIVED

APR 24 '90

O.
OFFICE

TO: The Oil Conservation Division
State of New Mexico

Date 4-19, 19 90

The Bettis, Boyle & Stovall (Name of Operator) Big Eddy (Name of Lease)

114 (Well No.) Located 2080 feet from the North line and 660 feet

from the East line of 21 (Section) 21-South (Township) 29-East (Range)

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted herewith on form C-105, we hereby request that the

pool be extended to include the following described area

or that a new pool be created to include the following described area

Section 21, T21S-R29E, Eddy County, New Mexico

Suggested name: Tower Hill

Bettis, Boyle & Stovall
Operator

Name of Producing Formation: Morrow

Harry M. Bettis, Jr., Agent
Representative

(Formerly 9-331) DEPARTMENT OF THE INTERIOR (verse side)
BUREAU OF LA MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

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.)

RECEIVED

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Big Eddy Unit

2. NAME OF OPERATOR: Bettis Boyle & Stovall ✓

APR 18 '90

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

O. C. D. ARTESIA, OFFICE

9. WELL NO.: 114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2080' FNL & 660' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T21S - R29E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	3394.7' GR	Eddy	New Mexico

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 COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	XX
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Daily Comp. Rpt. & Well Status			
(Other)				(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

Daily Completion report beginning with February 28, 1990 through March 19, 1990.

Well is currently Shut-in Waiting on Pipeline construction and connection.

RECEIVED
APR 6 11 22 AM '90
CARLSBAD AREA

ACCEPTED FOR RECORD

CARLSBAD, NEW MEXICO

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

SIGNED Kenneth Stovall TITLE Agent DATE 4-5-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

WELL Big Eddy Federal Unit #114

LOCATION Sec. 21-21S-29E Eddy County, New Mexico
(Give Unit, Section, Township, And Range)

OPERATOR Bettis, Boyle & Stoval P. O. Box 1240 Graham, Texas 76046

DRILLING CONTRACTOR Exeter Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
3/4°	198'	3/4°	3,922'	1 3/4°	11,234'
3/4°	399'	3/4°	4,520'	2 1/2°	11,493'
3/4°	405'	1/4°	4,920'	2°	11,650'
1 3/4°	1,019'	3/4°	5,314'	2°	11,730'
3°	1,577'	3/4°	5,723'	1 3/4°	11,916'
2 3/4°	1,660'	1/4°	6,210'	1°	12,481'
2 3/4°	1,782'	3/4°	6,558'		
1 3/4°	1,917'	1/4°	7,050'		
1 3/4°	2,072'	1°	7,480'		
2°	2,288'	1/2°	7,974'		
2°	2,471'	1°	8,453'		
2 1/4°	2,627'	1°	8,856'		
1 3/4°	2,782'	1°	9,355'		
3/4°	3,000'	1°	9,800'		
1/4°	3,225'	3/4°	10,171'		
1/2°	3,562'	1 1/4°	10,715'		

Drilling Contractor Exeter Drilling Company

By Bruce D. Houtchens

Bruce D. Houtchens, Vice President-Southern Division

Subscribed and sworn to before me this 26th day of March, 1990

SHERRI K. MERKET
Notary Public State of Texas
My Commission Expires Mar. 10, 1994

Notary Public Sherri K. Merket

My Commision Expires: 3-10-94 Midland County Texas

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

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

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.)

RECEIVED
MAR 14 '90
O. C. D.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME: Big Eddy Unit

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: Bettis Boyle & Stovall

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

9. WELL NO.: 114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2080' FNL & 660' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T21S - R29E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

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 COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	XXX
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Daily Completion Activities			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

See reverse side and attached for completion activities for February 15, 1990 Through February 27, 1990.

ACCEPTED FOR RECORD
Adm
MAR 8 1990
CARLSBAD, NEW MEXICO

RECEIVED
MAR 7 11 15 AM '90
OIL CONSERVATION DIVISION
ARTESIA, NEW MEXICO

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

SIGNED John D. Bettis TITLE Agent DATE 3-1-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

(Formerly 9-331) DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)
BUREAU OF L. D MANAGEMENT

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

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.)

RECEIVED
FEB 26 '90
O. C. D.
ARTESIA, OFFICE

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Big Eddy Unit

2. NAME OF OPERATOR: Bettis Boyle & Stovall

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

9. WELL NO.: 114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2080' FNL & 660' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T21S - R29E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

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 COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) 5-1/2" Casing Report			XX
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

5-1/2" casing was run and cemented in place as follows:

1 -	Howco Float Shoe	1.00'	13,151.00' K.B.
1 -	Shoe Joint (20#, N-80, sand blasted)	33.80'	13,117.20' K.B.
1 -	Howco Float Collar	1.00'	13,116.20' K.B.
35 -	Joints 5-1/2" 20#/ft., N-80 casing (Sand Blasted)	1,354.31'	11,761.89' K.B.
46 -	Joints 5-1/2" 20#/ft., N-80 casing (mill coat)	1,836.67'	9,925.22' K.B.
134 -	Joints 5-1/2" 17#/ft., N-80 casing (mill coat)	5,502.72'	4,422.50' K.B.
75 -	Joints 5-1/2" 20#/ft., N-80 casing (mill coat)	2,980.60'	1,441.90' K.B.
37 -	Joints 5-1/2" 20#/ft., S-95 casing (mill coat)	1,423.90'	18.00' K.B.
	Total Casing	13,134.00'	
	K.B. to G.L.	18.00'	
	Bottom of casing at	13,152.00' K.B.	

NOTE: Total depth by casing tally is 18' deep to drillers depth of 13,134' K.B.
Ran 33 Howco type S-4 centralizers; 40-120' spacing.

ACCEPTED FOR RECORD
Acc.
MAR 13 1990

****FOR CEMENTING DETAIL SEE REVERSE SIDE****

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

SIGNED [signature] TITLE Agent DATE 2-19-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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CEMENTING DETAIL:

Circulated 2 hours prior to cementing
Pumped 10 barrels water
Pumped 12 barrels (500 gallons) mud flush
Pumped 5 barrels water
Cemented with 375 sacks Premium cement with 0.6% Halad 22A, 0.4% CFR-3 and 5# KCL/sack., (1.18 cu.ft./sk., yield, 15.6#/gallon weight).
Plug down at 7:15 PM, February 4, 1990, displaced with fresh water at 600 psig - 2450 psig.
Bumped plug to 3000 psig, float held O.K.
Installed casing spool with secondary seal to 1000 psig.
Top of cement at 11,555' K.B.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

c/sf

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.)

RECEIVED
FEB -5 '90
ROSWELL, NEW MEXICO OFFICE

1. OIL WELL ☐ GAS WELL ☒ OTHER	5. LEASE DESIGNATION AND SERIAL NO: NM-03205
2. NAME OF OPERATOR: Bettis Boyle & Stovall	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046	7. UNIT AGREEMENT NAME: Big Eddy Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2080' FNL & 660' FEL	8. FARM OR LEASE NAME: Big Eddy Unit
	9. WELL NO.: 114
	10. FIELD AND POOL, OR WILDCAT: Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T21S - R29E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR
	12. COUNTY OR PARISH: Eddy
	13. STATE: New Mexico

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 COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Weekly Drilling Report			XX
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

1/17/90: Drilling at 11,455', formation lime, and shale. Deviation survey at 11,234' 1 3/4°. Background gas 600 units, Connection gas 1300 units, Survey gas 2100 units, flaring 2' flare.

1/18/90: Depth 11,731', circulating samples. Formation chert, shale, and lime. Deviation survey at 11,493' 2 1/2°, at 11,649' 2°. Background gas 240 units, Connection gas 500 units, Survey gas 950 units. Drilling break gas 2100 units. Losing 4 BPM. Drilling break from 11,715' - 11,726', Gained 20 barrels, had 10-12' flare on bottoms up.

1/19/90: Depth 11,729', trip in hole with DST No. 3 from 11,709' - 11,729' (20'). Formation chert, shale and lime. Deviation survey at 11,729' 2°. Raised MW to 10.4, no gain on trip, some seepage.

1/20/90: Depth 11,729', trip out of hole with DST No. 3 (See attached for test results).

1/21/90: Drilling at 11,843', formation shale and lime, had 25 - 30' flare on bottoms up after DST No. 3. Background gas 380 units, Connection gas 800 units, Trip gas 2800 units.

1/22/90: Depth 12,003', formation lime and shale. Present operation conditioning mud, build volume. Deviation at 11,916' 1 3/4°. Background gas 450 units, Connection gas 800 units. Drilling break from 12,000 - 12,003'.

1/23/90: Depth 12,003', present operation conditioning mud and lost circulation.

1/24/90: Drilling at 12,147', formation shale and lime. Drilling 7.8 FPH, no loss/no gain of fluid. Background gas 280 units, Connection gas 290 units.

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

SIGNED Larry M. Stovall TITLE PRESIDENT DATE 1/25/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
FEB 2 1990
SJS
CARLSBAD, NEW MEXICO

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to ...

(Formerly 9-331) DEPARTMENT OF THE INTERIOR (Other instructions on reverse side) Expires August 31, 1985

BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

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.)

RECEIVED
FEB -5 '90
O. C. D.
ARTESIA, OFFICE

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Big Eddy Unit

2. NAME OF OPERATOR: Bettis Boyle & Stovall

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

9. WELL NO.: 114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2080' FNL & 660' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

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14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

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TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
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SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Weekly drilling report			XX
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

1/9/90: Depth 8453', formation lime. Present operation: Circulating for DST No. 2 from 8409' - 8428'. Deviation survey at 7974' 1/2°.

1/10/90: Depth 8453'. Present operation: Pulling out of the hole with DST No. 2. (See DST information attached).

1/11/90: Drilling at 8810', formation lime, shale, and sand. Background gas 120 units, Connection gas 170 units, Trip gas 810 units.

1/12/90: Drilling at 9411', formation lime. Deviation survey at 8856' 1°, at 9355' 1°. Background gas 80 units, Connection gas 120 units.

1/13/90: Drilling at 9895', formation shale, lime, and sand. Deviation survey at 9800' 1°.

1/14/90: Depth 10,171', present operation trip for bit. Formation sand. Background gas 45 units, Connection gas 60 units, hole taking 8 bbls/hour, seepage.

1/15/90: Drilling at 10,555', formation lime and shale. Deviation survey at 10,171' 3/4°. Background gas 340 units, Connection gas 470 units, trip gas 710 units, flaring 1' flare.

1/16/90: Drilling at 11,047', formation shale. Deviation survey at 10,721' 1/4°. Background gas 200 units, Connection gas 230 units.

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

SIGNED [signature] TITLE PRESIDENT DATE 1/25/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
FEB 2 1990
SJS
CARLSBAD, NEW MEXICO

*See Instructions on Reverse Side

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

c151

SUNDRY NOTICES AND REPORTS ON WELLS

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RECEIVED
JAN 12 '90
O. C. D.
ARTESIA, OFFICE

1. OIL WELL ☐ GAS WELL ☒ OTHER

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Big Eddy Unit

2. NAME OF OPERATOR: Bettis, Boyle & Stovall

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

9. WELL NO.: 114

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10. FIELD AND POOL, OR WILDCAT: Wildcat

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14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR

12. COUNTY OR PARISH: Eddy

13. STATE: NM

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SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Alter proposed csg program				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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Casing program has been changed to set 8 5/8" casing at approximately 3000' to insure a proper casing seat within the anhydrites directly overlying the sands of the Delaware Mountain group.

RECEIVED

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

SIGNED John D. Bettis TITLE Agent DATE 12-22-89

John D. Bettis

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 1-16-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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(November 1983) (Formerly 9-331)

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

BUREAU OF LAND MANAGEMENT

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO: NM-03205

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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2. NAME OF OPERATOR: Bettis Boyle & Stovall ✓

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

RECEIVED JAN - 9 '90 O. C. D. ARTESIA, OFFICE

9. WELL NO.: 114

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14. PERMIT NO.

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13. STATE: New Mexico

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SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Daily Drilling Rpt. & DST No. 1			XX
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

1/1/90: Present depth 4150'. Formation 60% lime, 30% shale, and 10% sand. Present operation: On DST No. 1 from 4110' to 4150', (40') Cherry Canyon.

1/2/90: Total depth 4150'. Present operation: On DST No. 1. (For further details of DST No. 1 see attached.)

1/3/90: Drilling at 4890', formation 90% shale, 10% dolomite. Deviation survey at 4520' 3/4°.

1/4/90: Drilling at 5815', formation sand. Deviation survey at 4920' 1/4°, at 5314' 1/2°, at 4723' 3/4°.

1/5/90: Drilling at 6600', formation lime and shale. Deviation survey at 6210' 1/4°, at 6558' 3/4°.

1/6/90: Drilling at 6633', formation sand. Deviation survey at 6633' 3/4°. Hydraulic test BOP, All O.K.

1/7/90: Drilling at 7200', formation sand and shale. Deviation survey at 7050' 1/2°.

1/8/90: Drilling at 7908', formation lime. Deviation survey at 7480' 1°.

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

SIGNED [signature] TITLE AGENT DATE 1/8/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

dsf

5. LEASE DESIGNATION AND SERIAL NO.
NM-03205

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 WELL ☐ GAS WELL ☒ OTHER

RECEIVED
JAN 12 '90
O. C. D.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME
Big Eddy Unit

2. NAME OF OPERATOR
Bettis Boyle & Stovall

8. FARM OR LEASE NAME
Big Eddy Unit

3. ADDRESS OF OPERATOR
P. O. Box 1240, Graham, Texas 76046

9. WELL NO.
114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface
2080' FNL & 660' FEL

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T21S - R29E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	3394.7' GR	Eddy	New Mexico

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 COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Daily Drilling Report & Intermediate Casing Report			XX
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

12/28/89: Drilling at 2359', formation Anhydrite and dolomite. Deviation surveys at 1753' 2 3/4°, at 1917' 1 1/4°, at 2072' 3/4°, at 2280' 2°.

12/29/89: Drilling at 2935', formation Anhydrite. Deviation surveys at 2471' 2°, at 2677' 2 1/4°, at 2782' 1 3/4°.

12/30/89: Present total depth: 3000', formation Anhydrite and dolomite. Deviation survey at 3000' 3/4°.
Casing Report: 8-5/8" Intermediate Casing.
Ran 69 joints 8-5/8" 32#/ft., J-55, 8rd, ST&C new casing with float shoe and float collar. Set at 3000' K.B.
Cementing Report:
Cemented with 625 sacks Halliburton Lite, Premium Plus with 12# salt/sk., 1/4# flocele/sk., and 2% CACL2,(1.84 cu.ft./sk. yield, 12.7#/gallon weight). Tailed in with 250 sacks Premium Plus with 2% CACL2, (1.32 cu.ft./sk. yield and 14.8#/gallon weight). Circulated 150 sacks cement to pit. Plug down at 5:45 PM 12/29/89.

12/31/89: Drilling at 3650', formation lime. Deviation survey at 3222' 1/4°, at 3550' 1/2°.
Tested BOP and 8-5/8" casing to 1000 psig for 30 minutes, no leaks on 12/30/89.

RECEIVED
JAN 12 '90
O. C. D.
ARTESIA, OFFICE

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

SIGNED [signature] TITLE Agent DATE 1/8/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 1-16-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO: NM-03205

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.)

RECEIVED
JAN 12 '90
O. C. D.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Big Eddy Unit

2. NAME OF OPERATOR: Bettis, Boyle & Stovall

8. FARM OR LEASE NAME: Big Eddy Unit

3. ADDRESS OF OPERATOR: P. O. Box 1240, Graham, Texas 76046

9. WELL NO.: 114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2080' FNL & 660' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T21S - R29E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

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 COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Spud and Surface Casing Report			[XX]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED 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 pertinent to this work.)*

The above caption well was spudded at 10:00 AM on December 23, 1989.

12/24/89: Present depth 505'. Formation red bed.

Casing Report:
Ran 11 joints 13-3/8" 48#/ft., HJ-40 casing set at 505' K.B.
Cementing Report:
Cemented with 500 sacks Halliburton Premium Plus with 1/4# flocele/sk., and 2% CACL2, (1.32 cu.ft./sk. yield, 14.0#/gallon weight). Circulated 10 sacks cement to surface. Plug down at 3:30 AM 12/24/89.

12/25/89: Present depth 505'. Tested BOP and casing to 800 psig, held O.K.
12/26/89: Drilling at 983', formation red bed and anhydrite. Deviation surveys at 750' 1°, at 983' 1 3/4°.
12/27/89: Drilling at 1725', formation anhydrite and salt. Deviation surveys at 1019' 1 3/4°, at 1322' 3°, at 1570' 3°, at 1670' 2 3/4°.

RECEIVED

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

SIGNED [signature] TITLE AGENT DATE 1/8/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 1-10-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

30-015-26263

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN [illegible]ATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM-03205

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [XX] OTHER — SINGLE ZONE [XX] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Big Eddy Unit

8. FARM OR LEASE NAME: Big Eddy Federal Unit

2. NAME OF OPERATOR: Bettis, Boyle & Stovall ✓

9. WELL NO.: 114

3. ADDRESS OF OPERATOR: P. O. Box 1240

10. FIELD AND POOL, OR WILDCAT: X Wildcat Morrow

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2080' FNL & 660' FEL
At proposed prod. zone: 2080' FNL & 660' FEL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T21S-R29E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 15 miles east of Carlsbad

12. COUNTY OR PARISH: Eddy — 13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
660'	240	320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
-0-	13,300'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3394.7' GR

22. APPROX. DATE WORK WILL START*: 12-23-89

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.50	400'	Circ
11"	8 5/8"	28/32	3,300'	Circ
7 7/8"	4 1/2"	11.60/13.50	13,300'	550 sx

Cement Program: 13 3/8" casing: 400 sx Class "C"
8 5/8" casing: 300 sx Class "C", LEAD ~~tailend~~ 900 sx Lite
5 1/2" casing: 550 sx Class "H"

GAS NOT DEDICATED

Mud Program: See Exhibit "G"

BOP Program: See Exhibit "E"

SOS

3M

RECEIVED
DEC 18 '89
O. C. D.
ARTESIA, OFFICE

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED John D. Bettis TITLE Agent DATE 11-30-89

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE AREA MANAGER CARLSBAD DATE 12-15-89

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 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

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
Bettis, Boyle & Stovall	Big Eddy Unit	114

Unit Letter	Section	Township	Range	County
H	21	21 South	29 East NMPM	Eddy

Actual Footage Location of Well:
2080 feet from the North line and 660 feet from the East line

Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
3394.7	Morrow	Wildcat	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

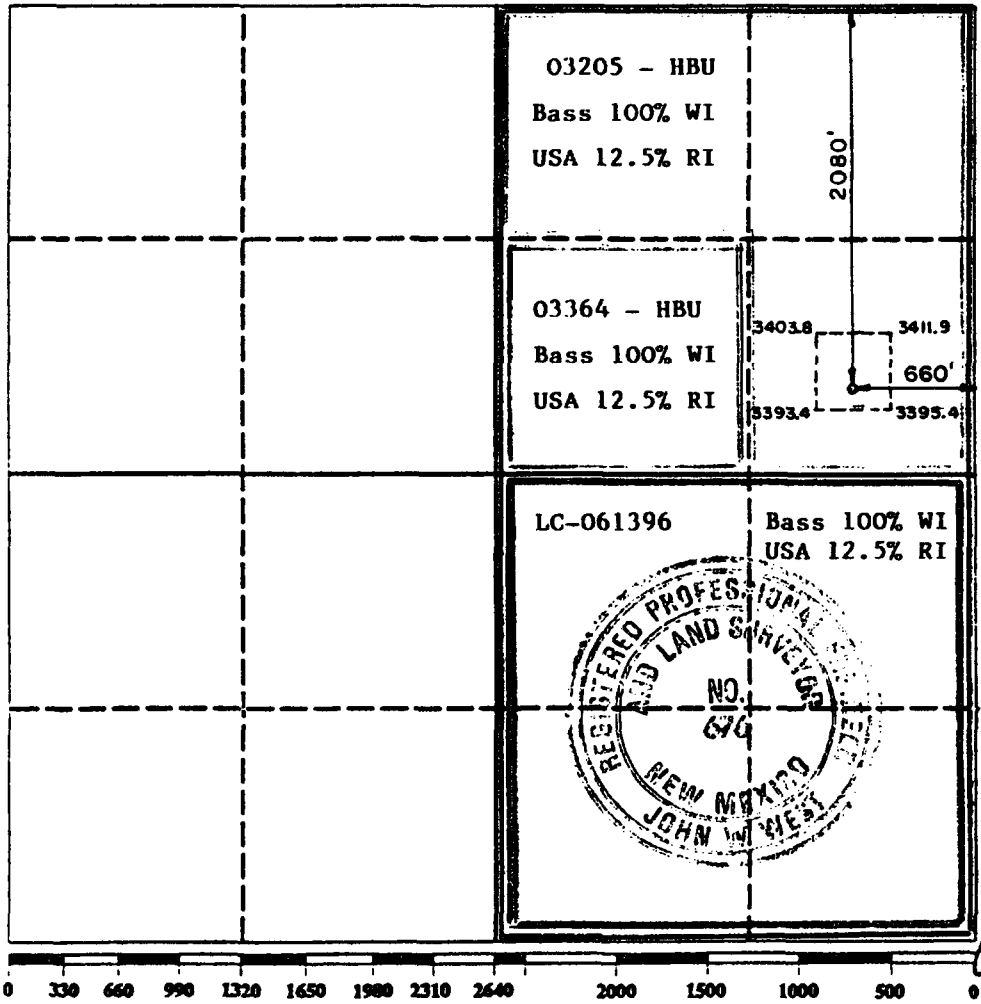
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 will 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: John D. Bettis

Printed Name: John D. Bettis

Position: Agent

Company: Bettis, Boyle & Stovall

Date: 11-30-89

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 supervison, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: November 9, 1989

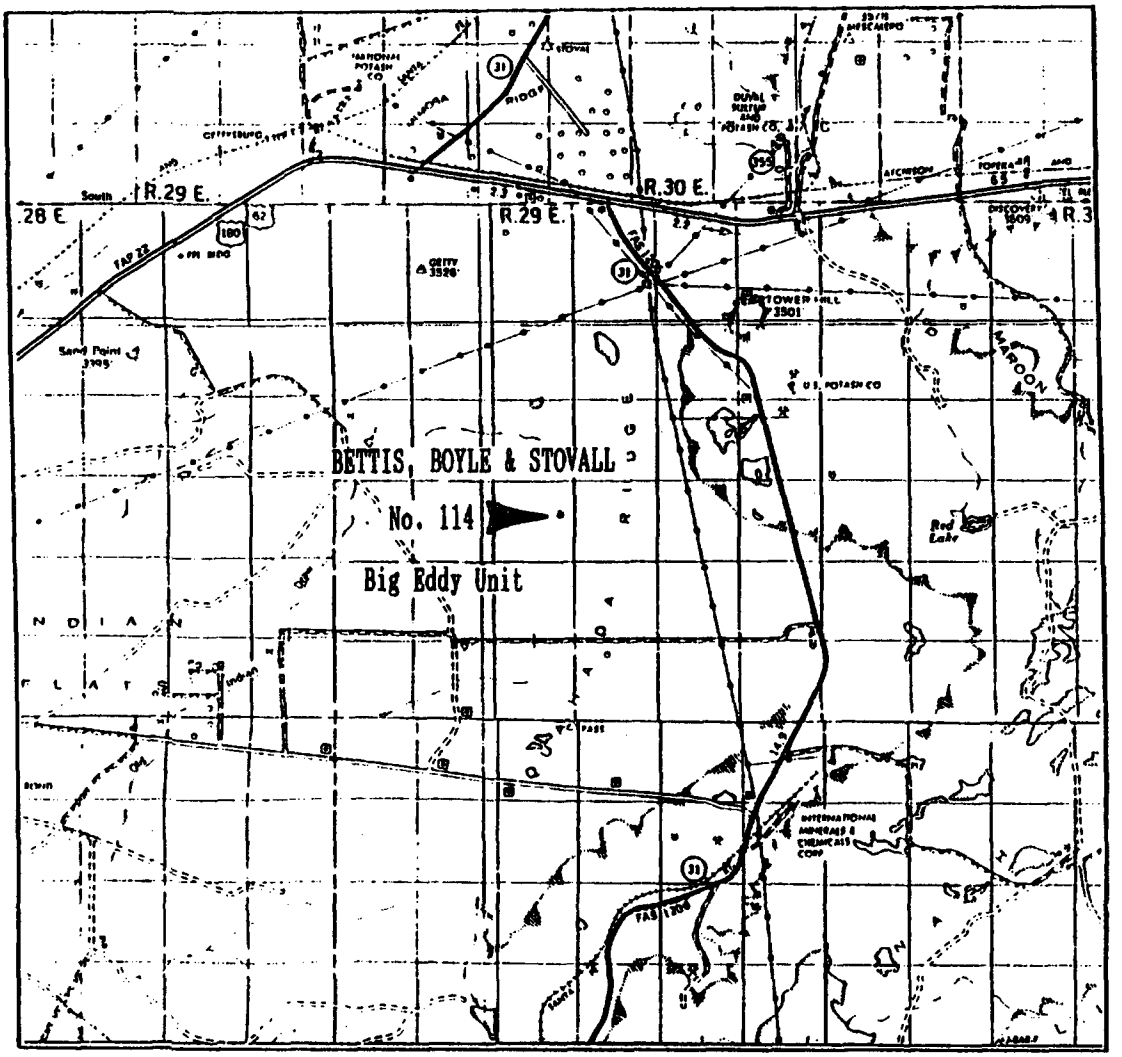
Signature & Seal of Professional Surveyor

John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

125630

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 21 TWP. 21S RGE. 29E

SURVEY N.M.P.M.

COUNTY Eddy STATE NM

DESCRIPTION 2080' FNL & 660' FEL

ELEVATION 3394.7

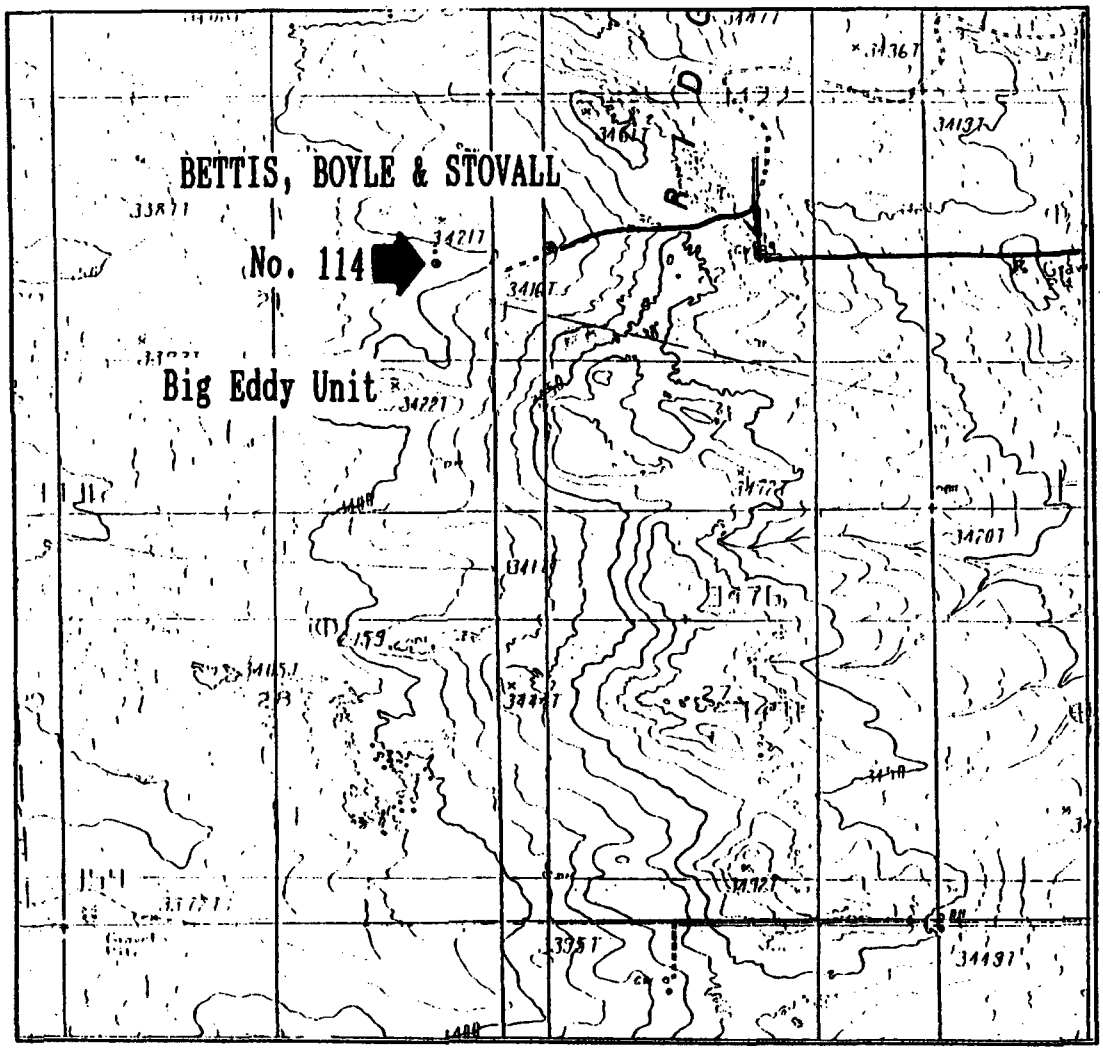
OPERATOR Bettis, Boyle & Stovall

LEASE Big Eddy Unit No. 114

EXHIBIT "A"

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL 10'

SEC. 21 TWP. 21S RGE. 29E

SURVEY N.M.P.M.

COUNTY Eddy STATE NM

DESCRIPTION 2080' FNL & 660' FEL

ELEVATION 3394.7

OPERATOR Bettis, Boyle & Stovall

LEASE Big Eddy Unit No. 114

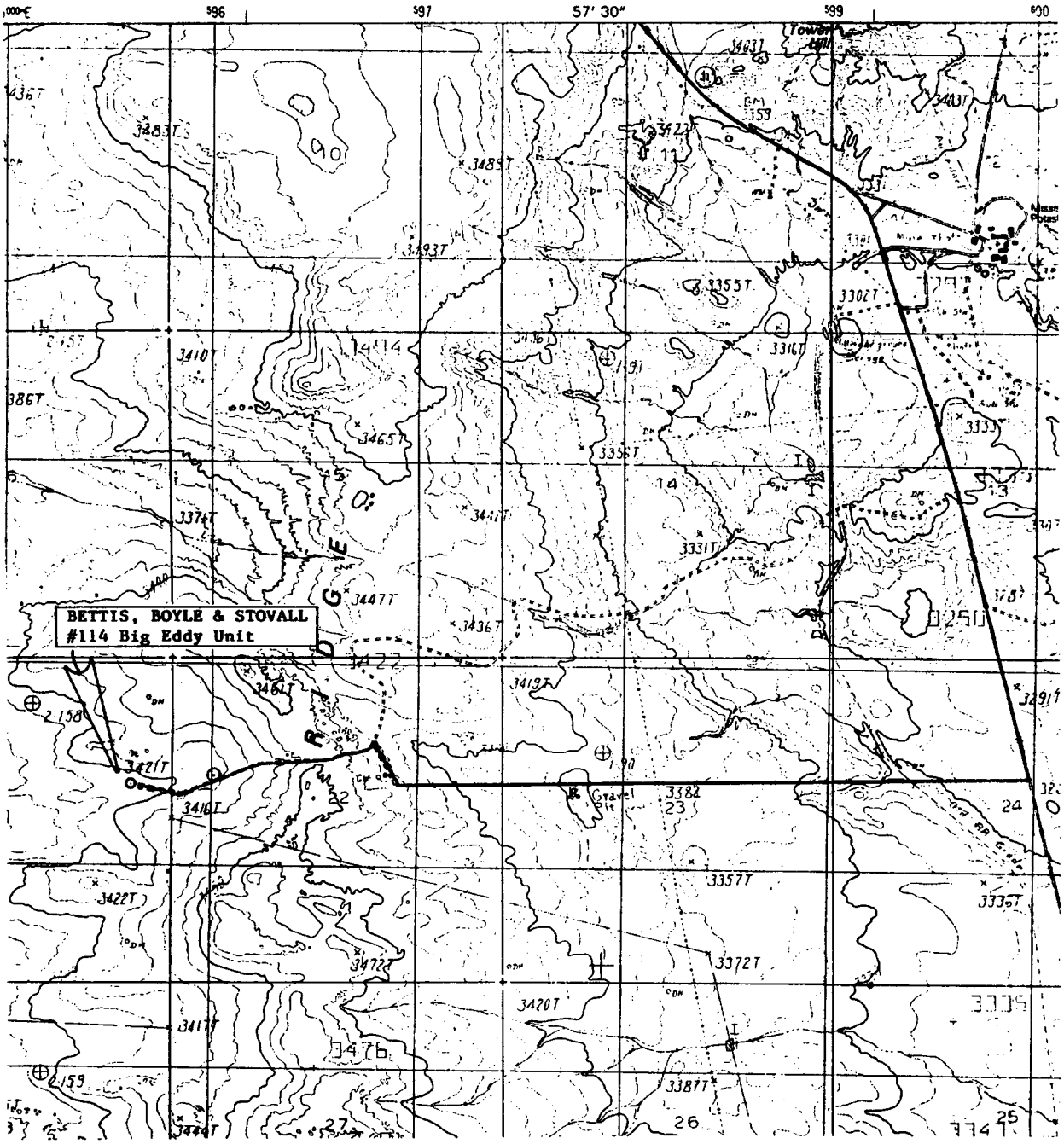
U.S.G.S. TOPOGRAPHIC MAP

Tower Hill South, NM

EXHIBIT "B"

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

TES
E INTERIOR
JRVEY



Scale: 1" = 2000'

Sec. 21 Twp. 21 South Rge. 29 East

Survey N.M.P.M.

County Eddy State N.M.

Description 2080' FNL & 660' FEL

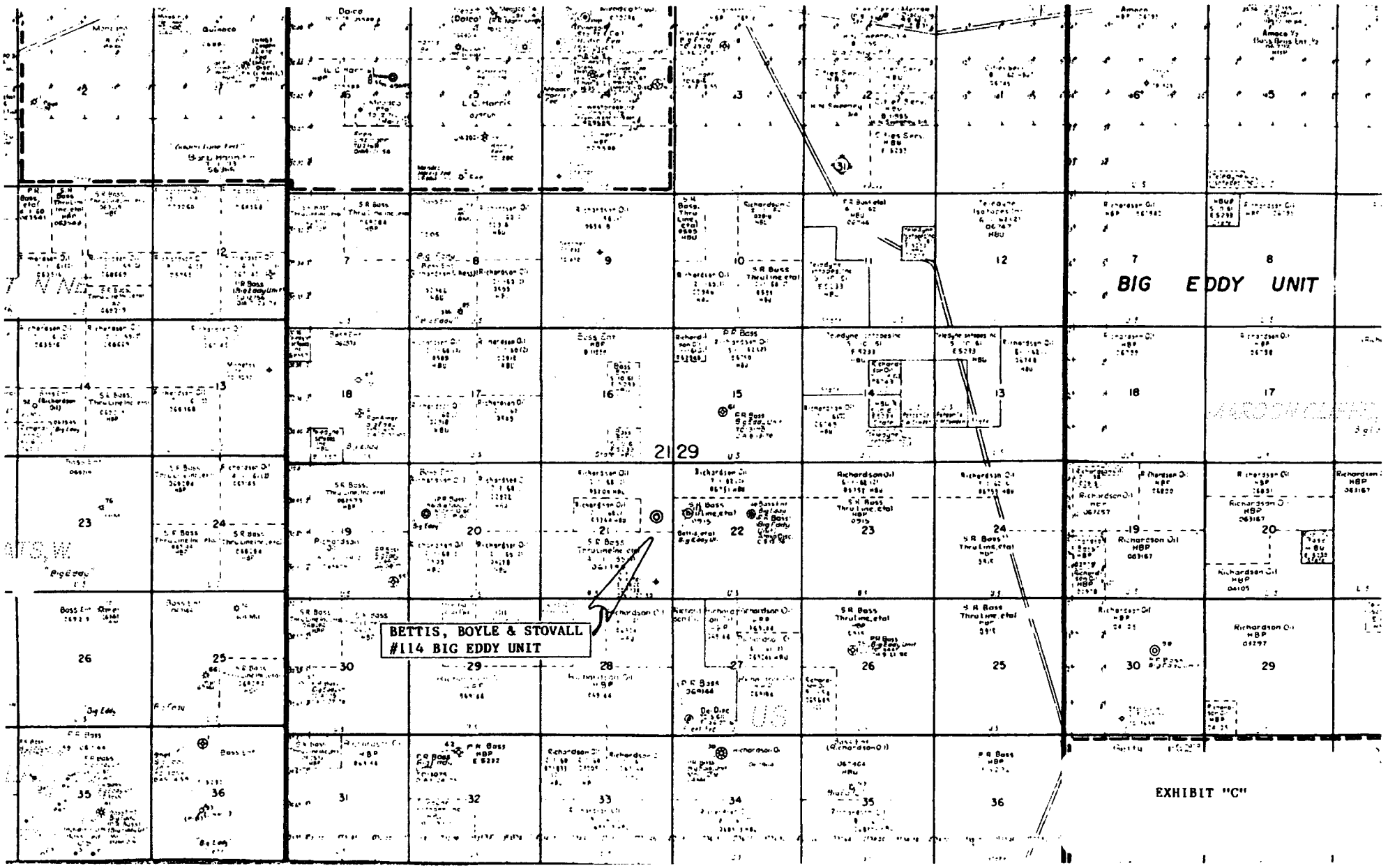
Elevation 3394.7' GR

Operator Bettis, Boyle & Stovall

Lease Big Eddy Unit #114

U.S.G.S. Topographic Map
Tower Hill, South NM

EXHIBIT "B"


BETTIS, BOYLE & STOVALL
#114 BIG EDDY UNIT
BIG EDDY UNIT
EXHIBIT "C"

```
CMD :                                ONGARD                          09/20/04 10:30:57
OG6IWCM                    INQUIRE WELL COMPLETIONS                       OGOMES -TQBA


API Well No : 30  15 26263   Eff Date : 01-21-1994   WC Status : A
Pool Idn    : 77560 GOLDEN LANE;MORROW (GAS)
OGRID Idn   :   2175 BETTIS BOYLE & STOVALL
Prop Idn    :   2003 BIG EDDY UNIT

Well No     : 114
GL Elevation: 99999

               U/L Sec  Township Range North/South    East/West  Prop/Act(P/A)
               --- ---  -------- ----- ------------ ------------ -------------
B.H. Locn     : H   21   21S      29E   FTG 2080 F N FTG  660 F E       A
Lot Identifier:
Dedicated Acre: 320.00
Lease Type    : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :


        E6317: No more recs. for this api well no.
PF01 HELP    PF02          PF03 EXIT    PF04 GoTo    PF05          PF06
PF07         PF08          PF09         PF10 NEXT-WC PF11 HISTORY PF12 NXTREC
```

```
CMD :                                ONGARD                          09/20/04 10:31:02
OG6ACRE                      C102-DEDICATE ACREAGE                       OGOMES -TQBA
                                                                        Page No :   1

 API Well No    : 30  15 26263   Eff Date : 04-30-1991
 Pool Idn       : 77560 GOLDEN LANE;MORROW (GAS)
 Prop Idn       :   2003 BIG EDDY UNIT                                  Well No : 114
 Spacing Unit   :  23386 OCD Order :                 Simultaneous Dedication:
 Sect/Twp/Rng   : 21 21S 29E Acreage   :  320.00     Revised C102? (Y/N)    :
 Dedicated Land:
                ---------------------------------------------------------------
                 S   Base U/L Sec  Twp Rng Acreage  L/W  Ownership  Lot Idn
                ---------------------------------------------------------------
                          A   21   21S 29E   40.00   N      FD
                          B   21   21S 29E   40.00   N      FD
                          G   21   21S 29E   40.00   N      FD
                          H   21   21S 29E   40.00   N      FD
                          I   21   21S 29E   40.00   N      FD
                          J   21   21S 29E   40.00   N      FD
                          O   21   21S 29E   40.00   N      FD
                          P   21   21S 29E   40.00   N      FD

        E0005: Enter data to modify or PF keys to scroll
PF01 HELP    PF02          PF03 EXIT    PF04 GoTo    PF05          PF06 CONFIRM
PF07 BKWD    PF08 FWD      PF09         PF10 LAND    PF11 NXTSEC   PF12 RECONF
```

CMD : ONGARD 09/20/04 10:31:10
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 1

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	01 00	31	10995		9	F
30 15 26263	BIG EDDY UNIT	02 00		10639			F
30 15 26263	BIG EDDY UNIT	03 00	31	11232			F
30 15 26263	BIG EDDY UNIT	04 00	30	10516			F
30 15 26263	BIG EDDY UNIT	05 00	31	10588		23	F
30 15 26263	BIG EDDY UNIT	06 00	25	8722			F
30 15 26263	BIG EDDY UNIT	07 00	31	11314			F
	Reporting Period Total (Gas, Oil) :						

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 09/20/04 10:31:14
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 2

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	08 00	21	2680			F
30 15 26263	BIG EDDY UNIT	09 00	18	2879			F
30 15 26263	BIG EDDY UNIT	10 00	22	1480			F
30 15 26263	BIG EDDY UNIT	11 00	24	4889			F
30 15 26263	BIG EDDY UNIT	12 00	31	11019			F
30 15 26263	BIG EDDY UNIT	01 01	29	12063			F
30 15 26263	BIG EDDY UNIT	02 01	26	9158			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

```
CMD :                                ONGARD                          09/20/04 10:31:16
OG6IPRD                  INQUIRE PRODUCTION BY POOL/WELL                   OGOMES -TQBA
                                                                           Page No:  3

OGRID Identifier :   2175 BETTIS BOYLE & STOVALL
Pool Identifier  : 77560 GOLDEN LANE;MORROW (GAS)
API Well No      : 30  15 26263 Report Period - From : 01 2000 To : 08 2004

-------------------------------------------------------------------------------
API Well No   Property Name          Prodn. Days     Production Volumes      Well
                                     MM/YY  Prod     Gas        Oil     Water Stat
-------------------------------------------------------------------------------
30  15 26263 BIG EDDY UNIT           03 01  31     10646                     F
30  15 26263 BIG EDDY UNIT           04 01  30      9627                     F
30  15 26263 BIG EDDY UNIT           05 01  30      8113                     F
30  15 26263 BIG EDDY UNIT           06 01  30      5942                     F
30  15 26263 BIG EDDY UNIT           07 01  31      9577                     F
30  15 26263 BIG EDDY UNIT           08 01  31      9662                     F
30  15 26263 BIG EDDY UNIT           09 01  30      9937                     F
                                                 ----------------------------
         Reporting Period Total (Gas, Oil) :
                                                 ----------------------------
        E0049: User may continue scrolling.
PF01 HELP    PF02          PF03 EXIT    PF04 GoTo    PF05          PF06 CONFIRM
PF07 BKWD    PF08 FWD      PF09         PF10 NXTPOOL PF11 NXTOGD   PF12
```

CMD : ONGARD 09/20/04 10:31:17
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 4

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	10 01	31	9675			F
30 15 26263	BIG EDDY UNIT	11 01	29	7670			F
30 15 26263	BIG EDDY UNIT	12 01	31	8989			F
30 15 26263	BIG EDDY UNIT	01 02	31	9439			F
30 15 26263	BIG EDDY UNIT	02 02	28	8149			F
30 15 26263	BIG EDDY UNIT	03 02	31	8171			F
30 15 26263	BIG EDDY UNIT	04 02	30	7617			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 09/20/04 10:31:18
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 5

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	05 02	31	8377			F
30 15 26263	BIG EDDY UNIT	06 02	30	7733			F
30 15 26263	BIG EDDY UNIT	07 02	31	7380			F
30 15 26263	BIG EDDY UNIT	08 02	31	7894			F
30 15 26263	BIG EDDY UNIT	09 02	30	7458			F
30 15 26263	BIG EDDY UNIT	10 02	31	7551			F
30 15 26263	BIG EDDY UNIT	11 02	30	6773			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 09/20/04 10:31:19
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 6

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	12 02	31	6604			F
30 15 26263	BIG EDDY UNIT	01 03	31	6998			F
30 15 26263	BIG EDDY UNIT	02 03	28	6736			F
30 15 26263	BIG EDDY UNIT	03 03	31	8823			F
30 15 26263	BIG EDDY UNIT	04 03	30	8330			F
30 15 26263	BIG EDDY UNIT	05 03	24	6945			F
30 15 26263	BIG EDDY UNIT	06 03	24	7208			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 09/20/04 10:31:21
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 7

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	07 03	10	2305			F
30 15 26263	BIG EDDY UNIT	08 03	30	3403			F
30 15 26263	BIG EDDY UNIT	09 03	21	688			F
30 15 26263	BIG EDDY UNIT	10 03	26	794			F
30 15 26263	BIG EDDY UNIT	11 03	30	940			F
30 15 26263	BIG EDDY UNIT	12 03	31	802			F
30 15 26263	BIG EDDY UNIT	01 04	28	391			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 09/20/04 10:31:22
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQBA
Page No: 8

OGRID Identifier : 2175 BETTIS BOYLE & STOVALL
Pool Identifier : 77560 GOLDEN LANE;MORROW (GAS)
API Well No : 30 15 26263 Report Period - From : 01 2000 To : 08 2004

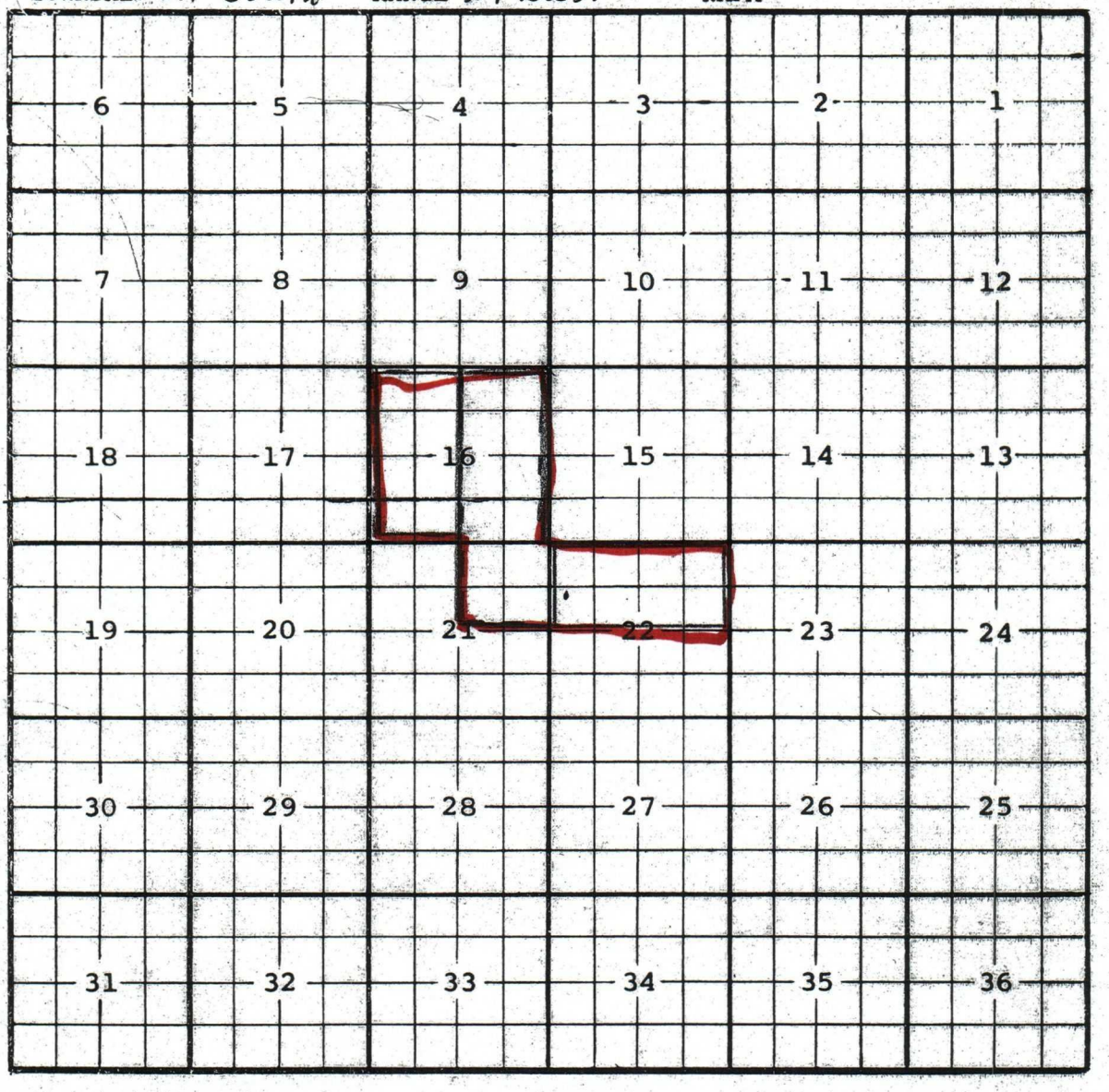
API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 15 26263	BIG EDDY UNIT	02 04	28	41			F
30 15 26263	BIG EDDY UNIT	03 04	2	17			F
30 15 26263	BIG EDDY UNIT	04 04	7	87			F
30 15 26263	BIG EDDY UNIT	05 04	7	24			F
30 15 26263	BIG EDDY UNIT	06 04	7	6			F
30 15 26263	BIG EDDY UNIT	07 04	1	5			F
Reporting Period Total (Gas, Oil) :				355701		32	

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

COUNTY Eddy POOL Quahada Ridge - Atoka Gas

TOWNSHIP 21 South RANGE 29 East NMPM



Description: N/2 Sec 22 (R-5417, 4-1-77)
Ext: E/2 Sec. 16, NE/4 Sec. 21 (R-11067, 10-20-98) Ext: W/2 Sec. 16 (R-11244, 9-15-99)

83200