

- PNR M0504154574

- C-103 Received 11-22-2004
- DHC No. Assigned 2-10-05 -

Order Number		API Number	Operator		County			
HOB-0107		30-025-36623	BP America Production Co.		Lea			
Order Date		Well Name		Number	Location			
		Flounder State		001	C	30	17S	35E
					UL	Sec	T (+Dir)	R (+Dir)
Pool 1		Vacuum Abo, North		Oil %	Gas %			
61760				48%	40%			
Pool 2		Vacuum Wolfcamp		52%	60%			
62340								
Pool 3								
Pool 4								
Comments: Work completed effective _____ Work cancelled effective _____ Supplemental _____								

2-11-2005
Posted to
RBDMS

DOWNHOLE COMMINGLE CALCULATIONS: 30-025-36623

OPERATOR: BP America Production Co. HOB-0107

PROPERTY NAME: Flounder State

WNULSTR: 1-C, 30-17-35

	SECTION I:	ALLOWABLE AMOUNT
61760	POOL NO. 1 <u>Vacuum Abo, North</u>	<u>355</u> <u>710</u> MCF <u>2000</u>
62340	POOL NO. 2 <u>Vacuum Wolfcamp</u>	<u>355</u> <u>710</u> MCF <u>2000</u>
	POOL NO. 3 _____	_____ MCF
	POOL NO. 4 _____	_____ MCF
	POOL TOTALS	<u>710</u> <u>1420</u>

	SECTION II:	OIL	GAS
	POOL NO. 1 <u>Vacuum Abo, North</u>	<u>48%</u>	<u>40%</u>
	POOL NO. 2 <u>Vacuum Wolfcamp</u>	<u>52%</u>	<u>60%</u>
	POOL NO. 3 _____		
	POOL NO. 4 _____		

SECTION III: OIL GAS
 $355 \div 52\% = 682.69 (683)$ _____

SECTION IV:
 $683 \times 48\% = 327.84 (328)$ _____
 $683 \times 52\% = 355.16 (355)$ _____

Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-025-36623

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Flounder State

8. Well Number

1

9. OGRID Number

000778

10. Pool name or Wildcat

Vacuum; Abo North (61760)

Vacuum; Wolfcamp (62340)

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 ☒ Gas Well ☐ Other

2. Name of Operator

BP America Production Company

3. Address of Operator

P. O. Box 3092 Houston, Texas 77253

4. Well Location

Unit Letter C : 480 feet from the north line and 1980 feet from the west line

Section 30

Township 17S

Range 35E

NMPM

County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☒

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company would like to allocate 48% of the oil production to the Vacuum; Abo North (61760) and 52% of production to the Vacuum; Wolfcamp (62340). Allocation for water is 14% Vacuum; Abo North (61760) and 86% Vacuum; Wolfcamp (62340). Gas allocation is 40% Vacuum; Abo North (61760) and 60% Vacuum; Wolfcamp (62340)

Workover Operations

1/14/05 - Pump 60 bbls 2% KCL fresh water down casing. NDWH. Release TAC. NUBOP. Pick up 2 jts 2-7/8" tbg run down 45' and tag. Tally out w/48 jts tbg. Rig up and swab tbg to casing. POH w/60 jts.

1/17/05 - Kill casing w/30 bbl 2% KCL fresh water. Swab to casing. POH w/114 jts. Kill csg w/70 bbls 2% KCL FW. POH w/50 jts, TAC 1 jt IPC tbg, SN, perf sub & 1 jt mud anchor. PBTD 10188 w/16' KB. RIH w/1jt mud anchor, 4' perf sub, 2-7/8" seating nipple, 1 jt 2-7/8" IPC, TAC & 112 jts 2-7/8" L-80 tubing.

1/18/05 - Kill csg w/50 bbl 2% KCL water; Bottom mud anchor @ 10162' NDBOP. Set TAC @ 10038' SN @ 10073.

1/19/05 - Release to production

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.DH C Order No. HOB-0107

SIGNATURE

Sheryl Joseph

TITLE

Permitting Exp.

DATE

2/9/05

Type or print name

For State Use Only

SHERYL JOSEPH

E-mail address:

Telephone No.

281-366-4493

APPROVED BY:

TITLE PETROLEUM ENGINEER

DATE

Conditions of Approval (if any):

FEB 10 2005

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
11 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-36623
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <u>State Flounder</u>
8. Well No. 1
9. Pool name or Wildcat <u>Vacuum; Abo, North 61760</u>
<u>Vacuum; WOLFCAMP 62340</u>
Unit Letter <u>C</u> : <u>480</u> feet from the <u>north</u> line and <u>1980</u> feet from the <u>west</u> line
Section <u>30</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>Lea</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3987' GR</u>

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 ☒ Gas Well ☐ Other

2. Name of Operator
BP America Production Company

3. Address of Operator
P.O. Box 3092 Houston, Texas 77253

4. Well Location
Unit Letter C : 480 feet from the north line and 1980 feet from the west line
Section 30 Township 17S Range 35E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3987' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

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

OTHER: DOWN HOLE COMMINGLING ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On 3/3/04, BP America Production Company submitted an application for permit to drill subject well. The permit was approved on 3/3/04. It is now our intent to complete the subject well into the Vacuum; Wolfcamp, produce the well in order to establish a production rate, isolate the zone, then add the Vacuum; Abo North and commingle production downhole. BP respectfully requests NMOCDD approval to downhole commingle production in the subject well as per the attached procedure.

The Vacuum; Wolfcamp (62340) and the Vacuum; Abo, North (61760) Pools are pre-approved for downhole commingling per NMOCDD Order R-11363. The working interest owners and royalty owners are identical in both the Abo and Wolfcamp sands, therefore no notification is required.

Production is proposed to be allocated based on a fixed percentage. The 24 hr. deliverability test on the Vacuum; Wolfcamp, shows production of 8 bbls oil/103 bbls water/18 mcf gas. The Vacuum; Abo, North shows production of 17 oil/17 water/18 mcf gas which was subtracted from the total well stream. The deliverability test was performed on the combined zones to establish the rate of 25 bbls oil/120 bbls water and 36 mcf of gas.

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

SIGNATURE Sheryal Joseph TITLE Permitting Representative DATE 11/4/2004
Type or print name Sheryal Joseph Telephone No. 281 366-4493

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE 11/4/2004
Conditions of approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

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.)		WELL API NO. 30-025-36623
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3092 Houston, Texas 77253		7. Lease Name or Unit Agreement Name: State Flounder
4. Well Location Unit Letter C : 480 feet from the north line and 1980 feet from the west line Section 30 Township 17S Range 35E NMPM County Lea		8. Well No. 1
		9. Pool name or Wildcat VACUUM, WOLF CAMP 62340
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3987' GR		

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

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

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

This well has not produced continuously since completion. At this time 100% production is assigned to the ABO. We are currently performing a well workover. BP would like to request a 30-day continuous operations before assigning a %.

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

SIGNATURE Sheryl Joseph TITLE Permitting Representative DATE 1/24/05

Type or print name Sheryl Joseph Telephone No. 281-366-4493

(This space for State use)

ORIGINAL SIGNED BY
PAUL F. KAUTZ

APPROVED BY PAUL F. KAUTZ TITLE PETROLEUM ENGINEER DATE JAN 24 2005

Conditions of approval, if any:

District I
1625 N. French Dr , Hobbs, NM 88240

District II
1301 W Grand Ave., Artesia, NM 88210

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

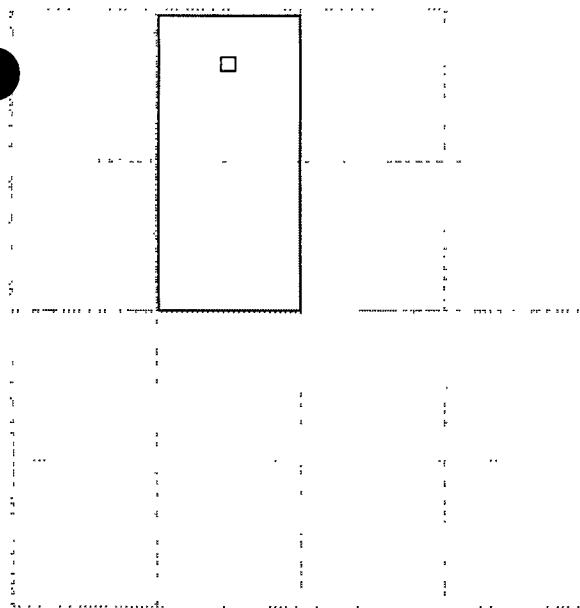
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36623	Pool Name VACUUM;WOLFCAMP	Pool Code 62340
Property Code 33559	Property Name State Flounder	Well No 001
OGRID No 778	Operator Name BP AMERICA PRODUCTION COMPANY	Elevation 3987

Surface And Bottom Hole Location

UL or Lot C	Section 30	Township 17S	Range 35E	Lot Idn C	Feet From 480	N/S Line N	Feet From 1980	E/W Line W	County Lea
Dedicated Acres 80		Joint or Infill		Consolidation Code		Order No.			



OPERATOR CERTIFICATION

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

Electronically Signed By. Mary Corley

Title: Manager

Date: 03/03/2004

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 belief.

Surveyed By. Ronald Eidson

Date of Survey 02/24/2004

Certificate Number: 3239

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico

Form C-102

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36623	Pool Name VACUUM;ABO, NORTH	Pool Code 61760
Property Code 33559	Property Name State Flounder	Well No 001
OGRID No 778	Operator Name BP AMERICA PRODUCTION COMPANY	Elevation 3987

Surface And Bottom Hole Location

UL or Lot C	Section 30	Township 17S	Range 35E	Lot Idn C	Feet From 480	N/S Line N	Feet From 1980	E/W Line W	County Lea
Dedicated Acres 80		Joint or Infill		Consolidation Code		Order No			

OPERATOR CERTIFICATION

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

Electronically Signed By. Mary Corley

Title Manager

Date: 03/03/2004

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 belief.

Surveyed By Ronald Eidson

Date of Survey 02/24/2004

Certificate Number 3239

Distinct I
1625 N French Dr., Hobbs, NM 88240
Distinct II
811 South First, Artesia, NM 88210
Distinct III
1000 Rio Brazos Rd., Aztec, NM 87410
Distinct IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BP America Production Company P. O. Box 3092 Houston, Texas 77253		² OGRID Number 000778
³ Reason for Filing Code RC		
⁴ API Number 30-0 25-36623	⁵ Pool Name Vacuum Wolfcamp	⁶ Pool Code 62340
⁷ Property Code 33559	⁸ Property Name State Flounder	⁹ Well Number 1

TA 355
MCF 710
AC, 80
Perfs. 9-10
GOR 2000

II. ¹⁰ Surface Location

UL or lot no C	Section 30	Township 17S	Range 35E	Lot Idn	Feet from the 480	North/South Line North	Feet from the 1980	East/West line West	County Lee
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¹¹ Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
S	P								
¹² Lsc Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
024650	Dynegy Midstream Services, LP (Versado Gas Processors, LLC)		G	
015694	Navajo (sour) Drawer 159 Artesia, NM 88211		O	
138648	BP Pipeline NA Inc. (sweet)		O	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 4/21/04	²⁶ Ready Date 10/27/04	²⁷ TD 10,200	²⁸ PBTD 10,077	²⁹ Perforations 9294-9879	³⁰ DHC, MC DHC
³¹ Hole Size 12-1/4	³² Casing & Tubing Size 9-5/8	³³ Depth Set 1630'	³⁴ Sacks Cement 690		
8-3/4	5-1/2	10198'	1055 "H"		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 10/8/04	³⁸ Test Length 24	³⁹ Tbg Pressure 35	⁴⁰ Csg Pressure 30
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method Flowing
	8	103	18		

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief Signature: <i>Sherval Joseph</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: PETROLEUM ENGINEER	
Printed name: Sherval Joseph		Approval Date: JAN 21 2005	
Title: Permitting Representative			
Date: 11/17/04	Phone: (281) 366-4493		

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

District I
1625 N French Dr, Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
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State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address BP America Production Company P. O. Box 3092 Houston, Texas 77253		2 OGRID Number 000778
		3 Reason for Filing Code NW
4 API Number 30-0 25-36623	5 Pool Name Vacuum, Abo, North	6 Pool Code 61760
7 Property Code 33559	8 Property Name State Flourder	9 Well Number 1

II. Surface Location

UL or lot no C	Section 30	Township 17S	Range 35E	Lot Idn	Feet from the 480	North/South Line North	Feet from the 1980	East/West line West	County Lea
--------------------------	----------------------	------------------------	---------------------	---------	-----------------------------	----------------------------------	------------------------------	-------------------------------	----------------------

Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
12 Lse Code S	13 Producing Method Code P	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 ULSTR Location and Description
024650	Dynegy Midstream Services, LP (Verado Gas Processors, LLC)		G	
015694	Navajo (sour) Drawer 159 Artesia, NM 88211		O	
138648	BP Pipeline NA Inc. (sweet)		O	

IV. Produced Water

23 POD	24 POD ULSTR Location and Description
--------	---------------------------------------

V. Well Completion Data

25 Spud Date 4/21/04	26 Ready Date 7/10/04	27 TD 10,200	28 PBTD	29 Perforations 8496-8724	30 DHC, MC
31 Hole Size 12-1/4	32 Casing & Tubing Size 9-5/8	33 Depth Set 1630'	34 Sacks Cement 690		
8-3/4	5-1/2	10198'	1055 "H"		

VI. Well Test Data

35 Date New Oil 8/1/04	36 Gas Delivery Date 8/1/04	37 Test Date 8/7/04	38 Test Length 24	39 Tbg Pressure 35	40 Csg Pressure 30
41 Choke Size -	42 Oil 22	43 Water 22	44 Gas 29	45 AOF	46 Test Method flowing

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature <i>Sherval Joseph</i>		OIL CONSERVATION DIVISION Approved by <i>[Signature]</i>	
Printed name Sherval Joseph		Title PETROLEUM ENGINEER	
Title Permitting Representative		Approval Date OCT 05 2004	
Date 8/19/04	Phone (281) 366-4493		

48 If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

TA 355
MCF 710
Ac. 80
Perfs. 9-10
GOR 2000