

2/07/2014 DATE IN	SUSPENSE	Re ENGINEER	2/07/2014 LOGGED IN	PLC TYPE	PMAM1403841589 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Tracie J Cherry
Print or Type Name

Signature

Sr. Regulatory Analyst
Title

02-05-14
Date

tjcherry@basspet.com
e-mail Address

PLC - 398
- BOPCO, LP
287510

Wells
Attachment "A"

Pools
- Los Medanos;
Bonespring;
40295
- Guadalupe Ridge;
Delaware, Southeast
50443
- Los Medanos;
Wolfcamp, South
96336

GENERAL OFFICES - FORT WORTH, TEXAS

BOPCO, L.P.

P.O. Box 2760
Midland, Tx 79702
(432) 683-2277
(432) 687-0329 (fax)

RECEIVED COD

FEB 11 10 17 AM '14

February 5, 2014

Oil Conservation Division
1220 S. St Francis
Santa Fe NM 87505

Re: James Ranch Unit
Various Wells
Various Pools
Eddy County, NM

Gentlemen:

BOPCO, L.P. respectfully requests permission to surface commingle, off lease measure and sell oil and gas production for the locations referenced in the attached application. This request is to commingle the oil and gas production in the tank battery located at the James Ranch Unit 19 location. These wells produce from the Bone Spring, Delaware and Wolfcamp formations. There are wells in differing PAs, Federal and State leases.

A list of interest owners notified via certified mail is attached.

Copies of this application and request for approval will be sent to the Bureau of Land Management and the State Land Office.

If you have any questions or need additional information, please call me at 432/683-2277.

Sincerely,



Tracie J Cherry
Sr. Regulatory Analyst

Enclosures

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION

1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: BOPCO, L.P.

OPERATOR ADDRESS: P O Box 2760 Midland, TX 79707

APPLICATION TYPE:

☒ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Los Medanos; Bone Spring					
Quahada Ridge; Delaware, SE					
Los Medanos; Wolfcamp, South					
(See Attached List)					

(2) Are any wells producing at top allowables? ☐ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.

(4) Measurement type: ☐ Metering ☒ Other (Specify) Allocation based on well test

(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No

(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Tracie J Cherry

TITLE: Sr. Regulatory Analyst

DATE: 02-05-14

TYPE OR PRINT NAME Tracie J Cherry

TELEPHONE NO.: (432)683-2277

E-MAIL ADDRESS: tjcherry@basspet.com

Attachment A

APPLICATION FOR, POOL/LEASE COMMINGLING AND OFF-LEASE MEASUREMENT AND SALES APPROVAL

Proposal for James Ranch Unit 019 Battery:

BOPCO, LP (260737) is requesting approval the above captioned types of commingling & sales for hydrocarbon oil & gas production from all leases shown:

Well Number	API	Lease Type	Loc ¼, ¼ Sec. Twp. Rng.	Pool	Proration	Pool Code	MCFD	BTU	BOPD	Oil Grav
011	30-015-23377	S	SWNW Sec 36 22S 30E	Los Medanos, Bone Spring ✓	*	40295	138	1328.2	56	44.3
016B**	30-015-28623	S	NENE Sec 36 22S 30E	Los Medanos, Bone Spring	*	40295	20	1351.5	4	43.6
016D**	30-015-28623	S	NENE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	15		4	
016W**	30-015-28623	S	NENE Sec 36 22S 30E	Los Medanos, Wolfcamp, S.	*	96336	6		2	
019	30-015-27357	S	NWSE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	27	1691.1	11	39.6
027D**	30-015-31033	S	SHL: NESW Sec 36 22S 30E BHL: NENW Sec 31 22S 31E	Quahada Ridge, Delaware, SE	*	50443	63	1325.9	10	46.6
027B**	30-015-31033	S	SHL: NESW Sec 36 22S 30E BHL: NENW Sec 31 22S 31E	Los Medanos, Bone Spring	*	40295	12		5	
027W**	30-015-31033	S	SHL: NESW Sec 36 22S 30E BHL: NENW Sec 31 22S 31E	Los Medanos, Wolfcamp, S.	*	96336	12		5	
029	30-015-27735	S	NESW Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	29	1263.4	6	39.4
031	30-015-30829	S	SWNE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	26		7	
032	30-015-30830	S	SWSE Sec 36 2362S 30E	Quahada Ridge, Delaware, SE	*	50443	24		6	
034	30-015-31064	S	SESE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	22		6	
037	30-015-27703	S	NESE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	16		5	
041	30-015-27734	S	SESW Sec 36 2S 30E	Quahada Ridge, Delaware, SE	*	50443	7		2	
066	30-015-31065	S	SWSW Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	64		24	
067	30-015-31004	S	NESE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	50		18	
071D**	30-015-27927	S	NENE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	28		10	
071B**	30-015-27927	S	NENE Sec 36 22S 30E	Los Medanos, Bone Spring	*	40295	6		3	
071W**	30-015-27927	S	NENE Sec 36 22S 30E	Los Medanos, Wolfcamp, S.	*	96336	1		1	
080D**	30-015-32868	S	NENW Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	40	1240.6	9	43.2
080B**	30-015-32868	S	NENW Sec 36 22S 30E	Los Medanos, Bone Spring	*	40295	15		3	
080W**	30-015-32868	S	NENW Sec 36 22S 30E	Los Medanos, Wolfcamp, S.	*	96336	23		5	
091	30-015-33601	S	SENE Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	37		11	
103H	30-015-37175	S	SHL: NWNE Sec 36 22S 30E BHL: NWNW Sec 36 22S 30E	Quahada Ridge, Delaware, SE	*	50443	49		33	

Well Number	API	Lease Type	Loc ¼, ¼ Sec. Twp. Rng.	Pool	Proration	Pool Code	MCFD	BTU	BOPD	Oil Grav
✓ 104H	30-015-37271	F	SHL: SENW Sec 36 22S 30E BHL: NWNW Sec 35 22S 30E	Quahada Ridge; Delaware, SE	*	50443	399	1280	131	40
✓ 105H	30-015-37064	F	SHL: SENW Sec 36 22S 30E BHL: SWNW Sec 35 22S 30E	Quahada Ridge; Delaware, SE	*	50443	292		69	
✓ 106H	30-015-37063	F	SHL: NWSW Sec 36 22S 30E BHL: NWSW Sec 35 22S 30E	Quahada Ridge; Delaware, SE	*	50443	298	1250	82	37.8
✓ 107H	30-015-37062	F	SHL: SWSW Sec 36 22S 30E BHL: SWSW Sec 35 22S 30E	Quahada Ridge; Delaware, SE	*	50443	87	1331	42	39.7
112H	30-015-36722	F	SHL: SESE Sec 36 22S 30E BHL: SESE Sec 31 22S 31E	Quahada Ridge; Delaware, SE	*	50443	64	1296	28	40
113H	30-015-37046	F	SHL: NESE Sec 36 22S 30E BHL: NESE Sec 31 22S 31E	Quahada Ridge; Delaware, SE	*	50443	59	1274	35	39.4
129H	30-015-38288	F	SHL: NENE Sec 36 22S 30E BHL: NENE Sec 31 22S 31E	Quahada Ridge; Delaware, SE	*	50443	344	1473	101	39
130H	30-015-38308	F	SHL: SENE Sec 36 22S 30E BHL: SENE Sec 31 22S 31E	Quahada Ridge; Delaware, SE	*	50443	228	1480	66	38.4
140H	30-015-39809	F	SHL: SENW Sec 25 22S 30E BHL: SWNW Sec 27 22S 30E	Quahada Ridge; Delaware, SE	*	50443	984		397	
141H	30-015-39972	F	SHL: SENW Sec 25 22S 30E BHL: NWNW Sec 27 22S 30E	Quahada Ridge; Delaware, SE	*	50443	695		309	
144H	30-015-41424	F	SHL: SWNE Sec 36 22S 30E BHL: SENE Sec 31 22S 31E	Los Medanos; Bone Spring	*	50443		1207.9		42.3
148H	30-015-41412	F	SHL: SENE Sec 36 22S 30E BHL: SENE Sec 31 22S 31E	Los Medanos; Bone Spring	*	40295	490	1306.8	233	45.8

Proration plats attached.

**Wells have existing downhole commingle approval

JRU #19 Battery Gas Gathering System

The following information is a concise description of the piping path, separation process and storage of the oil, water and gas production from the producing oil wells (Group1). Once reservoir production has reached the surface, it enters into a flowline(3-1/2" steel or poly) that travels along existing disturbances or roads until it reaches the header for the battery. This header is configured so that with the assistance of valves, each wells production can be diverted to either the Test Train(this battery has two separate test trains) or the Production Train. If the well is to be 'Tested' or consider 'Production' the oil, water and gas is directed to the desired equipment configuration which is made up of separation/process equipment. The following equipment is considered separation/process: Horizontal separator/Vertical separator/Surge Vessel, Free Water Knockout (FWKO) and a Heater Treater. The Test trains at the JRU # 19 Battery allow multiple wells to be in 'Test' at the same time by having several Test trains, a well will typically be in test for 24-48 hours. The reservoir production in either case will travel through the Separation/Process equipment in the same manner; first the production enters into the Horizontal Separator/Vertical Separator/Surge Vessel and with the assistance of the vessels internal makeup the production is separated into gas and liquid condensate-gas leaves the vessel from the highest point where it is piped downstream into a tie-in and the liquids travels out at a lower point, secondly the liquids from the separator are piped to a FWKO which provides a second phase of separation, this phase separates the oil from the water. The water is piped to a 500 BBL Fiberglass water storage tank located on the pad, and the oil is piped to the last phase of the separation process. The oil enters into the Heater treater where it becomes heated, creating separation between any water and gas molecules which generate a lower settling water level, overlaid by the oil level and the gas is pushed through the top of the vessel where it is piped and tied into the pipe from the gas line off the separator vessel and metered at the Vapor Recovery Unit(VRU)(300152735V), then Checked at the JRU #19 Check Meter(Meter#) and sent to the Regency sales meter(Meter# 59932). The gas can then be allocated back to the producing wells referencing the value presented at the Regency meter. The JRU# 19 Battery is setup for flaring in the event the gas sales line is at max capacity, this value can be metered through the JRU #19 Flare meter. As for the oil and water it is metered separately leaving the heating vessels and is piped to the corresponding 500 BBL storage tanks; oil is stored in a steel oil tank. The battery sells oil through a LACT unit that is located on the facilities pad.

Group(1)Well #'s:

19,31,32,34,37,66,67,29,41,16,71,11,91,112,113,27,80,107,106,105,104,103,129,130,141,140,148,144.

② J The JRU# 19 Battery has two wells the JRU# 112H and JRU# 113H that pipe oil, water and gas through a flowline from the individual well pads. This production enters into the header where it is then diverted to separate individual separation vessels. The resulting oil, water and gas volumes are individually metered (JRU#112H- Gas Meter#:3001536722 and JRU#113H-Gas Meter: 3001537046) downstream of the separation equipment, prior to entering into the pipe line where the oil and water are discharged into the proper tanks and the gas goes through either the JRU#19 Flare meter or to the JRU #19 Check meter which goes to the Regency sales meter (Meter# 59932).

④ The JRU# 19 Battery has two other wells the JRU# 27 and JRU# 80 that pipe oil, water and gas through a flowline from the individual well pads following existing disturbances or roads. The individual lines enter separate test trains, on the downstream side of the process equipment the oil, water and gas is individually metered(JRU#27 Allocation Gas Meter# 3001531033 and JRU#80 Allocation Gas Meter# 3001532868) and piped to the proper holding tanks located on the JRU # 19 Battery pad. Once the gas is metered the lines tie-in and are sent to the Regency Sales Meter (Meter# 59968).

④ ✓ The JRU#19 Battery as two wells(JRU# 144 & JRU# 148) that produce oil, gas and water from the Bone Springs reservoir. The production from each well is piped through a 3-1/2" steel flowline to the JRU# 19 Battery where the flowline ties directly into the predetermined separation vessel; JRU# 144 has an individual portable tester, just as does the JRU# 148. The production is then separated for oil, gas and water, which is then metered separately as it exits the vessel. After exiting the separation vessel the oil, gas and water are either sent to the tanks to be stored or sent into the gas line.

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-23377	Pool Code 40295	Pool Name Los Medanos (Bone Spring)
Property Code 001786	Property Name James Ranch Unit	Well Number 11
OGRID No. 001801	Operator Name Bass Enterprises Production Co.	Elevation 3306' GL

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	36	22S	30E		1980'	North	920'	West	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	22S	30E		1495'	North	1693'	West	Eddy
Dedicated Acres 320 40	Joint or Infill I	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Tami Wilber</i></p> <p>Signature</p> <p>Tami Wilber</p> <p>Printed Name</p> <p>Production Clerk</p> <p>tlwilber@basspet.com</p> <p>Title and E-mail Address</p> <p>01/20/2004</p> <p>Date</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>	

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form G-102
Revised 02-10-94
Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

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

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

☒ AMENDED REPORT

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 015 28623		2 Pool Code 96336 66352		3 Pool Name Undes Los Medanos; Wolfcamp Eddy Undes Grp 8					
4 Property Code 4060		5 Property Name JAMES RANCH UNIT						6 Well Number 16	
7 OGRID No. 7377		8 Operator Name ENRON OIL & GAS COMPANY						9 Elevation 3316'	
10 SURFACE LOCATION									
UL or lot no. H	Section 36	Township 22 SOUTH	Range 30 EAST, N.M.P.M.	Lot Ida	Feet from the 1980'	North/South line NORTH	Feet from the 330'	East/West line EAST	County EDDY
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 Order No.			
NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT 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 <i>Betty Gildon</i>			
						Printed Name Betty Gildon			
						Title Regulatory Analyst			
						Date 10/27/95			
						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.			
						Date of Survey OCTOBER 25, 1995			
						Signature and Seal of Professional Surveyor 			
						V. LYNN BEZNER, S.P.S. #7920			
						JOB # 24240 24-SE / V.H.B.			

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

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

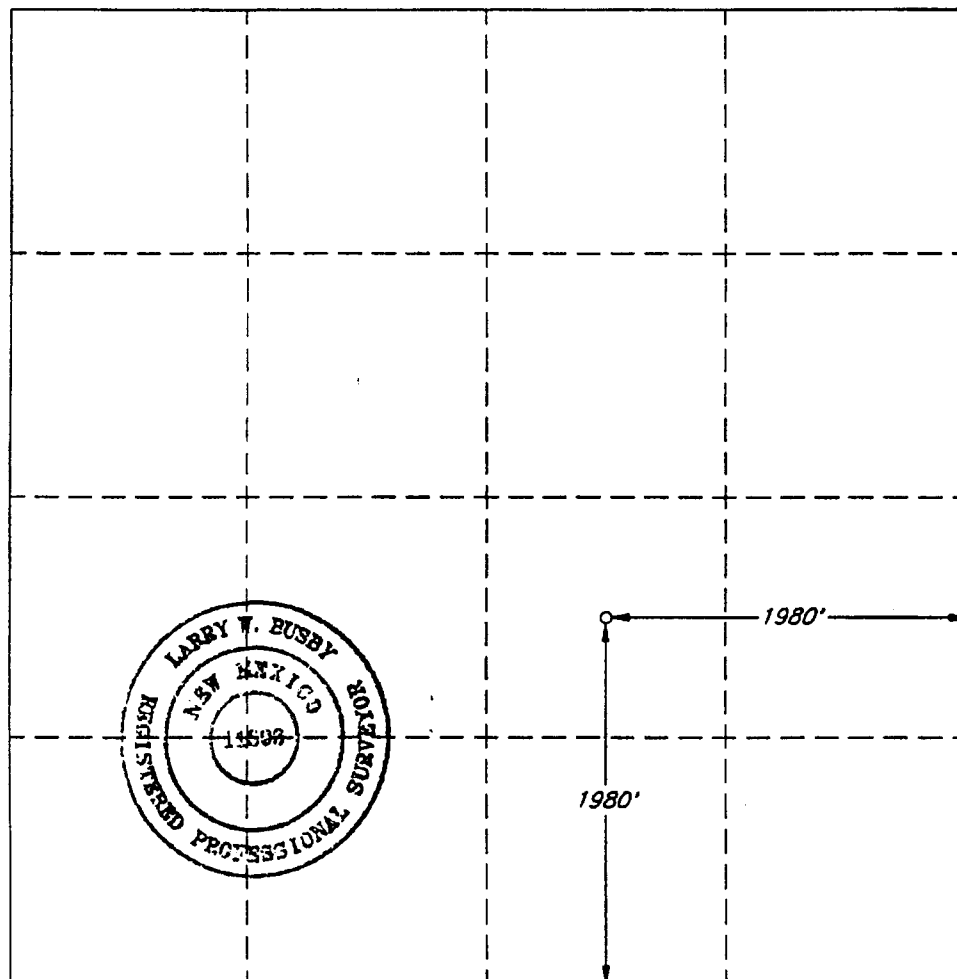
DISTRICT III
1000 Rio Brazos Rd
Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT
All distances must be from the outer boundaries of the section.

Operator ENRON OIL & GAS COMPANY			Lease JAMES RANCH UNIT		Well No. 19
Unit Letter J	Section 36	Township 22-SOUTH	Range 30 EAST, N.M.P.M.	County EDDY	
Actual Footage Location of Well					
1980' feet from the SOUTH line and		1980' feet from the EAST line			
Ground Level Elev. 3308'	Producing Formation Delaware		Pool Wildcat		40 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 the owners been consolidated by communitization, unitization, forced-pooling, etc.?
☐ Yes ☐ No If answer is "yes", type of consolidation _____
If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the 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 herein is true and complete to the best of my knowledge and belief.

Signature
Betty Gildon
Printed Name
Betty Gildon
Position
Regulatory Analyst
Company
Enron Oil & Gas Company
Date
2/17/93

SURVEYOR CERTIFICATION

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

Date Surveyed
FEBRUARY 12, 1993
Signature and Seal of Professional Surveyor
Larry W. Busby
Certificate No.
LARRY W. BUSBY R.P.S. #11398
JOB NO. 94424 V.H.B.

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

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

DISTRICT III
1000 Rio Brazos Ed., Artesia, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1984
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION **CONFIDENTIAL**

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31033	Pool Code 96336	Pool Name Los Medanos (Wolfcamp) South
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 27
OGRM No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3316'

Surface Location

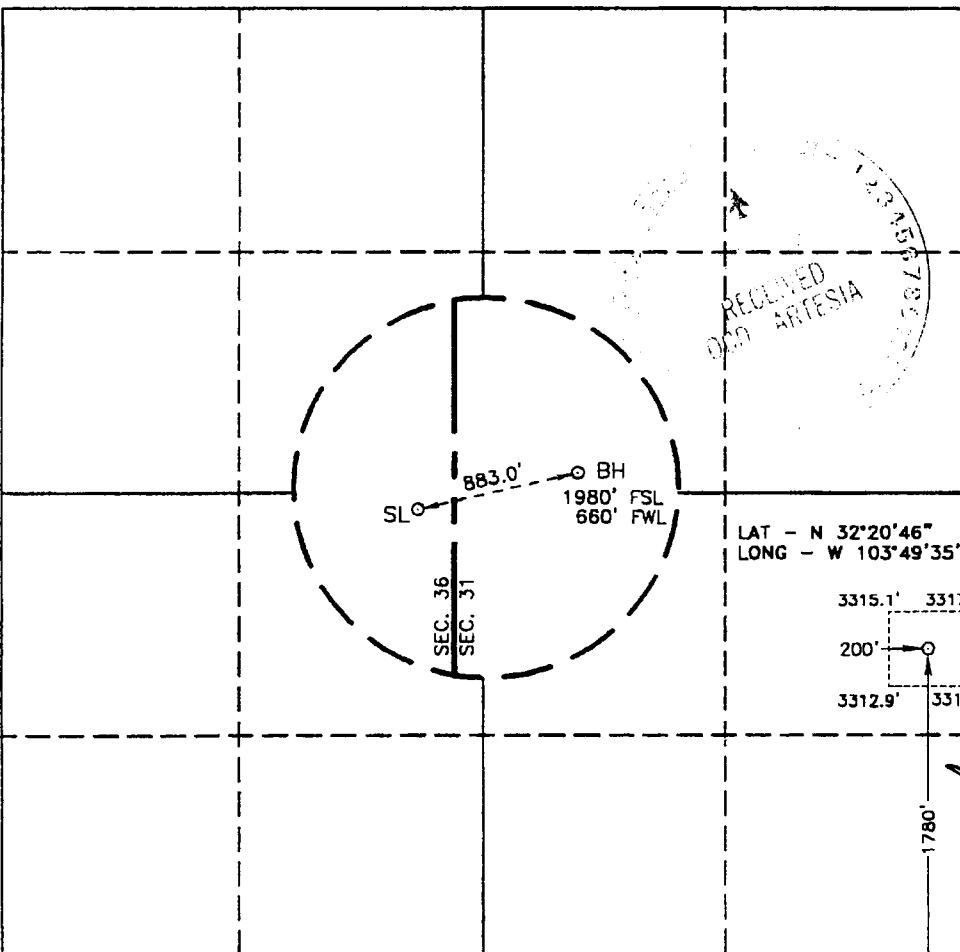
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	22 S	30 E		1780	SOUTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>11/20/00 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>November 16, 1999 Date Surveyed</p> <p><u>ARY L JONES</u> Signature & Seal of Professional Surveyor</p> <p>W.O. No. 340 Certificate No. 6982 Jones 7977 PROFESSIONAL LAND SURVEYOR</p>
--	--

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31033	Pool Code 40295	Pool Name Los Medanos (Delaware) South
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 27
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3316'

Surface Location

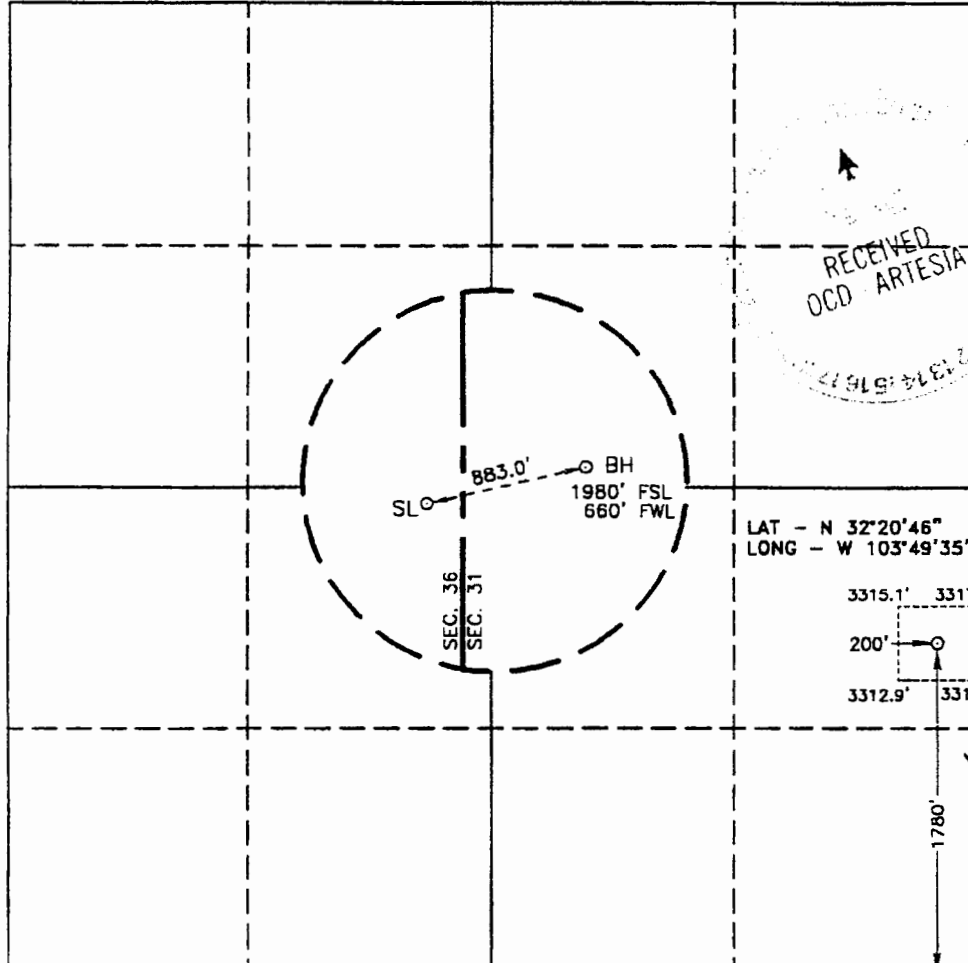
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	36	22 S	30 E		1780	SOUTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Tami Wilber</i> Signature Tami Wilber Printed Name Production Clerk Title 11/20/00 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>November 16, 1999 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 8487 Certificate No. Gary L. Jones 7977 BASIN SURVEYS</p>

Form C-102
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P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

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

CONFIDENTIAL ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31033		Pool Code 40295	Pool Name Los Medanos (Bone Spring) South
Property Code 001786	Property Name JAMES RANCH UNIT		Well Number 27
OCRD No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY		Elevation 3316'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	36	22 S	30 E		1780	SOUTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="font-size: large; margin: 5px 0;"><i>Tami Wilber</i></p> <p style="margin: 5px 0;">Signature</p> <p style="margin: 5px 0;">Tami Wilber</p> <p style="margin: 5px 0;">Printed Name</p> <p style="margin: 5px 0;">Production Clerk</p> <p style="margin: 5px 0;">Title</p> <p style="margin: 5px 0;">11/20/00</p> <p style="margin: 5px 0;">Date</p> </div> <div style="border: 1px solid black; padding: 5px;"> <h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">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.</p> <p style="text-align: center; margin: 10px 0; font-size: large;">November 16, 1999</p> <p style="margin: 5px 0;">Date</p> <p style="margin: 5px 0;">Signature of Surveyor</p> <p style="margin: 5px 0;">Professional Surveyor</p> <p style="text-align: center; margin: 10px 0;">7977</p> <p style="text-align: center; margin: 5px 0;">W.O. No. 8487</p> <p style="margin: 5px 0;">Certified by Gary Jones 7977</p> <p style="text-align: center; margin: 5px 0;">BASIN SURVEYS</p> </div>
--	---

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Revised 1-1-09

OIL CONSERVATION DIVISION

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BASS ENTERPRISES			Lease JAMES RANCH UNIT		Well No. 29
Unit Letter K	Section 36	Township 22 SOUTH	Range 30 EAST	NMPM	County EDDY
Actual Footage Location of Well: 1980 feet from the SOUTH line and 2310 feet from the WEST line					
Ground Level Elev. 3306.8'	Producing Formation DELAWARE	Pool UNO. QUAHADA RIDGE SE		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 - 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature
William R. Dannels
Printed Name
W.R. Dannels
Position
Div. Drilling Specialist
Company
Bass Enterprises Prod. Co.
Date
9-24-93

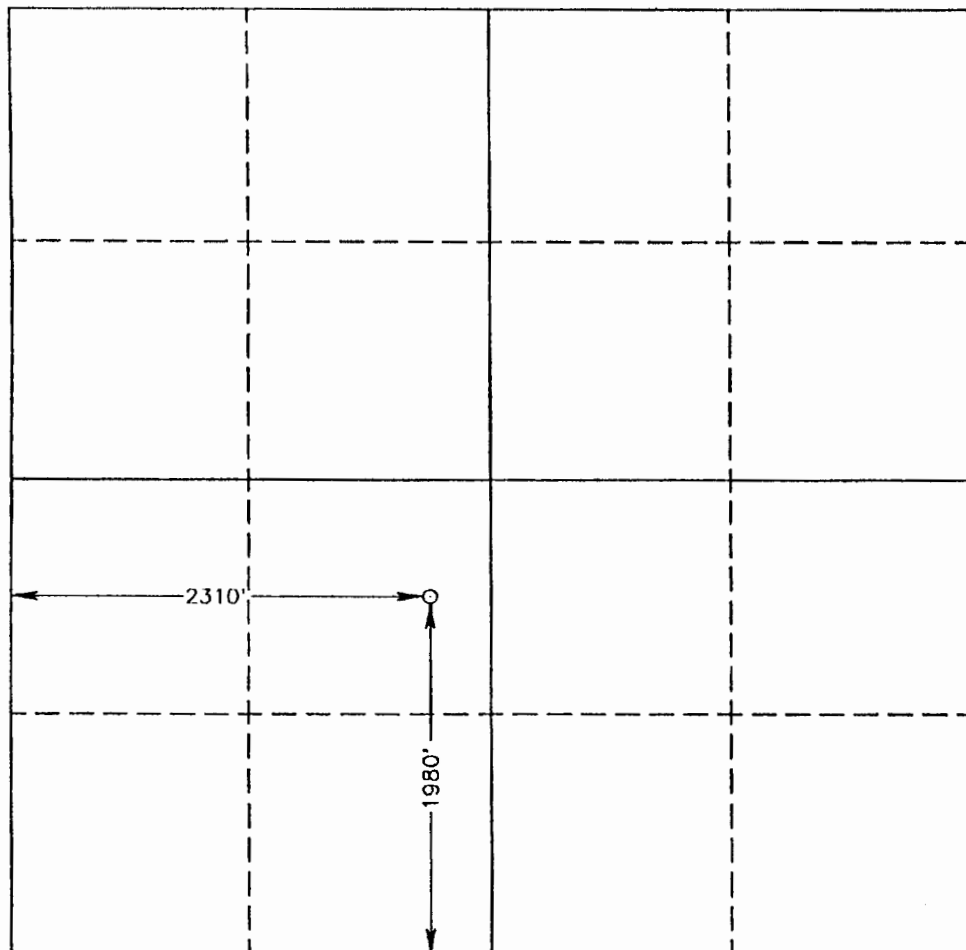
SURVEYOR CERTIFICATION

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

Date Surveyed
SEPTEMBER 09, 1993

Signature & Seal of
Professional Surveyor

GARY L. JONES
NEW MEXICO
1977
Certification
RONALD J. FURCH
3239
7877
93-11-1791



DISTRICT I
P.O. Box 1980, Hobbs, NM 58240

DISTRICT II
P.O. Drawer DD, Artesia, NM 58210

DISTRICT III
1000 Rio Brazos Ed., Artesia, NM 57410

State of New Mexico
Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

P.O. Box 2088
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name LOS MEDANOS (DELAWARE)
Property Code	Property Name JAMES RANCH UNIT	Well Number 31
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3319'

Surface Location

UL or lot No. G	Section 36	Township 22 S	Range 30 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>William R. Dannels</u> Signature William R. Dannels Printed Name Division Drilling Supt. Title October 11, 1999 Date	
	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. September 30, 1999 Date Surveyed <u>W.D. No. 9379</u> Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS	

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30830		Pool Code 50443	Pool Name Quahada Ridge (Delaware) SE
Property Code 001786	Property Name JAMES RANCH UNIT		Well Number 32
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY		Elevation 3306'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	36	22 S	30 E		760	SOUTH	2000	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
40	N								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><u>Tami Wilber</u></p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date <u>4/25/00</u></p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p>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.</p> <p style="text-align: center;">October 1, 1999</p> <p>Date Surveyed _____</p> <p>Signature & Seal of Professional Surveyor _____</p> <p style="text-align: center;"> W.S. No. 9348 </p> <p>Certificate No. Gary L. Jones 7977</p> <p style="text-align: center;">BASIN SURVEYS</p>
--	--

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Edo Branson Rd., Amar, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31064	Pool Code 50443	Pool Name Quahada Ridge (Delaware) Southeast
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 34
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3311'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	22 S	30 E		660	SOUTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>LAT - N 32°20'35.9" LONG - W 103°49'39.7"</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>6/19/00 Date</p>	
			<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>February 28, 2000</p> <p>Date Surveyed</p> <p><u>GARY L JONES</u> Signature & Seal of Professional Surveyor</p> <p>SWO. No. 0114</p> <p>Certificate No. 7977</p> <p>BASIN SURVEYS</p>	

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OIL CONSERVATION DIVISION

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DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

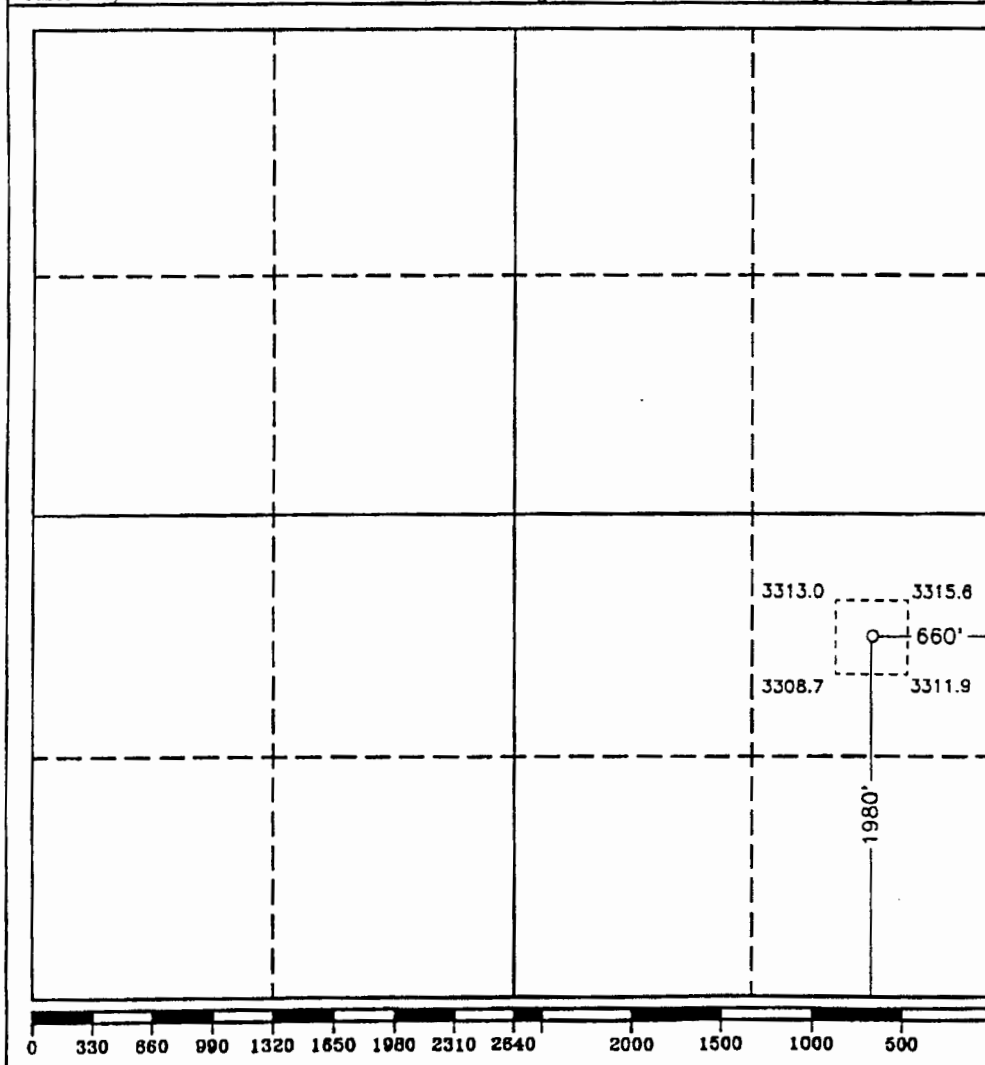
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ENRON OIL AND GAS CO.		Lease JAMES RANCH UNIT		Well No. 37	
Unit Letter I	Section 36	Township 22 SOUTH	Range 30 EAST NMPM	County EDDY	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 660 feet from the EAST line					
Ground Level Elev. 3310.2	Producing Formation Bone Spring/Delaware		Pool and QUAHADA RIDGE, SE	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name
Betty Gildon

Position

Regulatory Analyst
Company

Enron Oil & Gas Company
Date

5/20/93

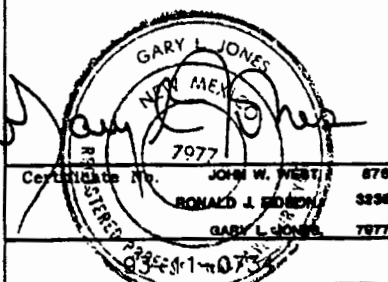
SURVEYOR CERTIFICATION

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

Date Surveyed

MAY 1, 1993

Signature & Seal of
Professional Surveyor



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OIL CONSERVATION DIVISION

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BASS ENTERPRISES			Lease JAMES RANCH UNIT		Well No. 41
Unit Letter N	Section 36	Township 22 SOUTH	Range 30 EAST	NMPM	County EDDY
Actual Footage Location of Well: 660 feet from the SOUTH line and 2310 feet from the WEST line					
Ground Level Elev. 3297.4'	Producing Formation DELAWARE	Pool UNO. QUAHADA ROBE, SE		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 - 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
- No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

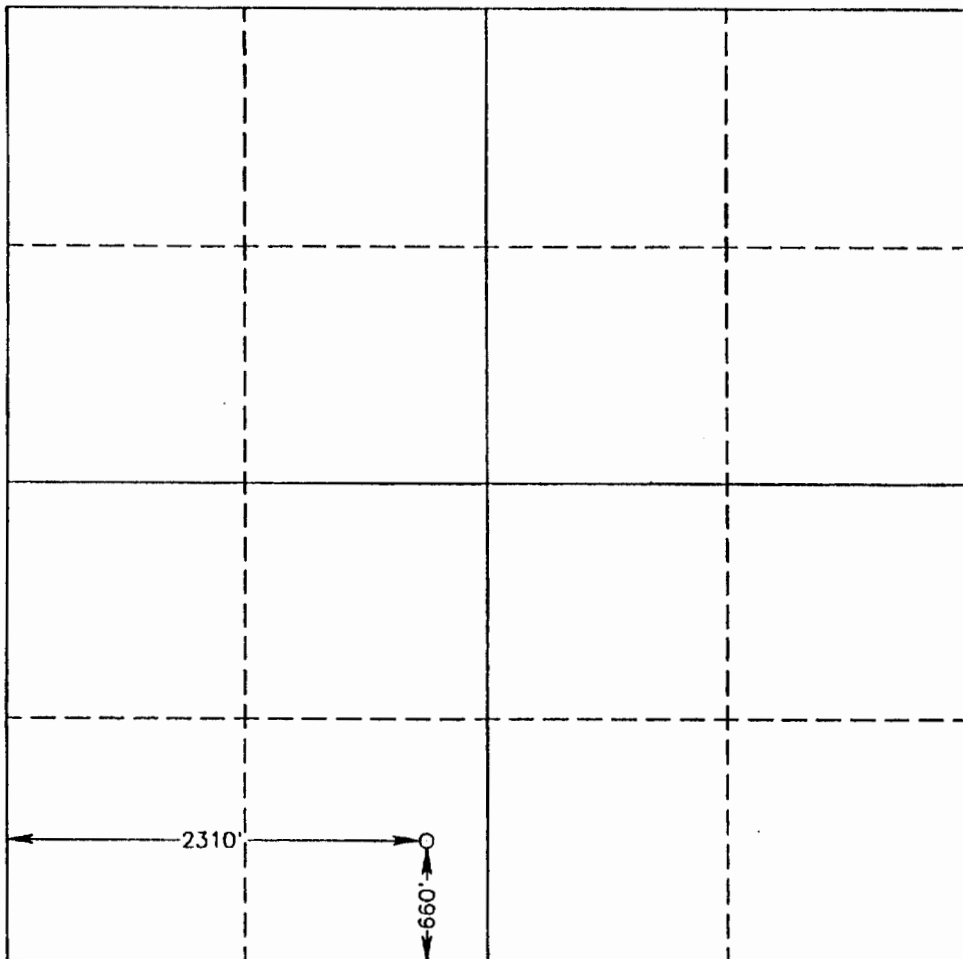
Signature
William R. Dannels
Printed Name
W.R. Dannels
Position
Div. Drilling Specialist
Company
Bass Enterprises Prod. Co.
Date
9-24-93

SURVEYOR CERTIFICATION

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

Date Surveyed
SEPTEMBER 09, 1993
Signature & Seal of
Professional Surveyor

GARY L. JONES
NEW MEXICO
1977
JOHN W. WEST
J. EIDSON
7977



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

93-11-1702

DISTRICT I
1625 N. French Dr., Hobbs, NM 58240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31065	Pool Code 50443	Pool Name Quahada Ridge (Delaware); Southeast
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 66
OGRID No.	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3292'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	22 S	30 E		660	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p><u>Tami Wilber</u> Printed Name</p> <p><u>Production Clerk</u> Title</p> <p><u>6/14/00</u> Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p><u>February 28, 2000</u> Date Surveyed</p> <p><u>GARY L JONES</u> Signature</p> <p><u>Professional Surveyor</u> Title</p> <p><u>No. 01140</u> Certificate No.</p> <p><u>7977</u> Basin Surveys</p>	
	<p>Basin Surveys</p>	
	<p>Basin Surveys</p>	

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

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
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2040 South Pacheco
Santa Fe, New Mexico 87504-2088



☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31004	Pool Code 50443	Pool Name Quahada Ridge (Delaware); Southeast
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 67
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3299'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	22 S	30 E		1874	SOUTH	1096	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LAT - N 32°20'48.0"</p> <p>LONG - W 103°50'21.6"</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Tami Wilber</p> <p>Printed Name Production Clerk</p> <p>Title 6/14/00</p> <p>Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>January 06, 2000</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>Certificate No. 7977</p> <p>7977</p> <p>Basin Surveys</p>

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

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

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1000 Rio Brazos Rd., Aztec, NM 87410

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Energy, Minerals and Natural Resources Department

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-27927	Pool Code 66352	Pool Name 4110 S. E. Quahada Ridge (Bone Springs)
Property Code 1	Property Name JAMES RANCH UNIT	Well Number 71
GRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION CO.	Elevation 3322'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	22S	30E		330	NORTH	660	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT 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. <u>William R. Dannels</u> Signature William R. Dannels Printed Name Division Drilling Supt. Title <u>4-6-94</u> Date	
	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. 	
	Date Surveyed Signature & Seal of Professional Surveyor W.C. Jones, 94-0558	
	Certificate No. JOHN W. WEST, 878 RONALD J. EIDSON, 3239 GARY L. JONES, 7977	

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

Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name LOS MEDANOS; WOLFCAMP, SOUTH	Pool Code 96336
Property Code 1786	Property Name JAMES RANCH UNIT	Well No. 080
OGRID No. 1801	Operator Name Bass Enterprises Production Co.	Elevation 3318

Surface And Bottom Hole Location

UL or Lot B	Section 36	Township 22S	Range 30E	Lot Idn	Feet From 330	N/S Line N	Feet From 1500	E/W Line E	County Eddy
Dedicated Acres 40	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: Kent Adams

Title: Manager

Date: 5/2/2003

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.

Electronically Signed By: Gary Jones

Date of Survey: 6/6/2000

Certificate Number: 7977

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NOV - 7 2003

OCD-ARTESIA

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

Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name LOS MEDANOS;BONE SPRING	Pool Code 40295
Property Code 1786	Property Name JAMES RANCH UNIT	Well No. 080
OGRID No. 1801	Operator Name Bass Enterprises Production Co.	Elevation 3318

Surface And Bottom Hole Location

UL or Lot B	Section 36	Township 22S	Range 30E	Lot Idn	Feet From 330	N/S Line N	Feet From 1500	E/W Line E	County Eddy
Dedicated Acres 40	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: Kent Adams

Title: Manager

Date: 5/2/2003

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.

Electronically Signed By: Gary Jones

Date of Survey: 6/6/2000

Certificate Number: 7977

RECEIVED

NOV - 7 2003

OCD-ARTESIA

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

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Oil Conservation Division

1220 S. St Francis Dr.

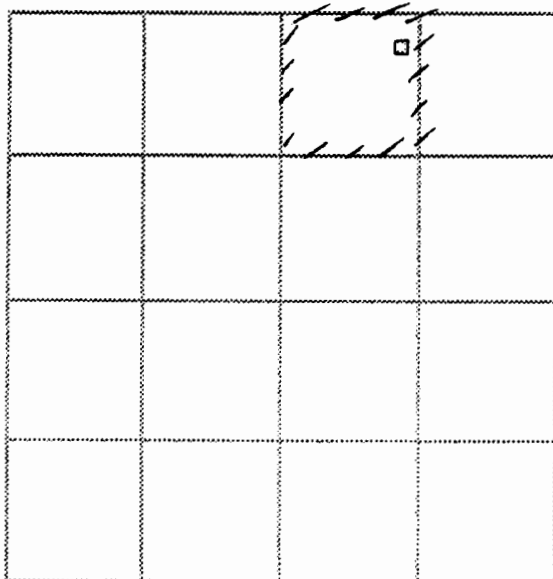
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32868	Pool Name SE Quahada Ridge Delaware	Pool Code 50443
Property Code 1786	Property Name JAMES RANCH UNIT	Well No. 080
OGRID No. 1801	Operator Name Bass Enterprises Production Co.	Elevation 3318

Surface And Bottom Hole Location

UL or Lot B	Section 36	Township 22S	Range 30E	Lot Idn	Feet From 330	N/S Line N	Feet From 1500	E/W Line E	County Eddy
Dedicated Acres 40	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: Kent Adams

Title: Manager

Date: 5/2/2003

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.

Electronically Signed By: Gary Jones

Date of Survey: 6/6/2000

Certificate Number: 7977

RECEIVED**JAN 16 2004****OCD-ARTESIA**

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

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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Revised March 17, 1999

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OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33601	Pool Code 50443	Pool Name Quahada Ridge (Delaware), S.E.
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 91
OGED No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3317'

Surface Location

UL or lot No. F	Section 36	Township 22 S	Range 30 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>William R. Dannels</u> Signature</p> <p><u>W. R. Dannels</u> Printed Name</p> <p><u>Division Drilling Supt.</u> Title</p> <p><u>4/5/04</u> Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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 is the best of my belief.</p> <p><u>October 19, 2000</u> Date Surveyed</p> <p><u>W. D. No. 50487</u> Signature of Professional Surveyor</p> <p><u>7977</u> Professional Surveyor No.</p> <p><u>L. Jones</u> Certified Professional Surveyor</p> <p><u>7977</u> Professional Surveyor No.</p> <p>BASIN SURVEYS</p>
--	--

NMOCD ARTESIA

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

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☐ AMENDED REPORT

BASIN SURVEYS

RECEIVED

NOV - 2 2009

NMOCD ARTESIA

NM 88240

Artesia, NM 88210

Rd., Aztec, NM 87410

IV

Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37271	Pool Code 50433	Pool Name Quahada Ridge, SE (Delaware)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 104H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3316'

Surface Location

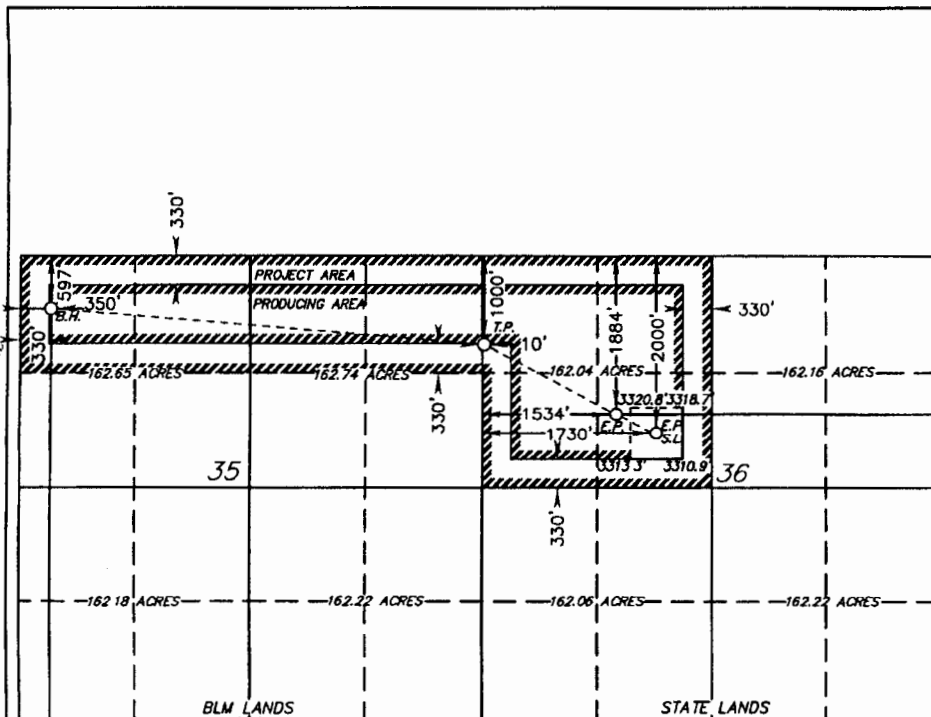
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	22 S	30 E		2000	NORTH	1730	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	22 S	30 E		597	NORTH	350	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



PROPOSED BOTTOM HOLE LOCATION

Lat - N 32°21'15.25"
Long - W 103°51'33.08"
NMSPC - N 492927.086
E 687749.670

(NAD-83)

PROPOSED DELAWARE ENTRY POINT

Lat - N 32°21'01.22"
Long - W 103°50'14.39"
NMSPC - N 491539.8
E 694505.4

(NAD-83)

SURFACE LOCATION

Lat - N 32°21'01.22"
Long - W 103°50'14.39"
NMSPC - N 491539.8
E 694505.4

(NAD-83)

PROPOSED TURN POINT
PROVIDED BY BOPCO

Lat - N 32°21'13.80"
Long - W 103°50'37.86"
NMSPC - N 492801.45
E 692486.33

(NAD-83)

PROPOSED BRUSHY CANYON ENTRY POINT

Lat - N 32°21'02.35"
Long - W 103°50'16.68"
NMSPC - N 491652.98
E 694308.49

(NAD-83)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Gary E. Gerhard 10/23/09
Signature Date

Gary E. Gerhard

Printed Name

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.

DATE SURVEYED
SIGNATURE & SEAL OF PROFESSIONAL SURVEYOR
W. O. JONES
JULY 17, 2009
NEW MEXICO
7977

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name JAMES RANCH UNIT	Well Number 105H
OGRID No.	Operator Name BOPCO, L.P.	Elevation 3311'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	22 S	30 E		2428	NORTH	1340	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	35	22 S	30 E		1830	NORTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p>
<p>DELAWARE ENTRY POINT</p> <p>LAT - N32°20'57.00" LONG - W103°50'18.98" N.: 491111.150 E.: 694114.013 (NAD-83)</p>		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 13, 2009</p> <p>Date Surveyed _____</p> <p>Signature _____</p> <p>Professional Surveyor</p> <p>W. L. Jones</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

BOTTOM HOLE LOCATION

LAT - N32°21'03.04"
LONG - W103°51'29.42"
N.: 491694.814
E.: 688068.611
(NAD-83)

DELAWARE ENTRY POINT

LAT - N32°20'57.00"
LONG - W103°50'18.98"
N.: 491111.150
E.: 694114.013
(NAD-83)

SURFACE LOCATION

LAT - N32°20'56.98"
LONG - W103°50'18.95"
N.: 491109.425
E.: 694116.776
(NAD-83)

SCALE - 1" = 2000'

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

DISTRICT II
1301 W. Grand Avenue, Arleta, NM 88210

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

DISTRICT IV
1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2006

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37062	Pool Code 50443	Pool Name Quahada Ridge, SE (Delaware)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 107H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3283'

Surface Location

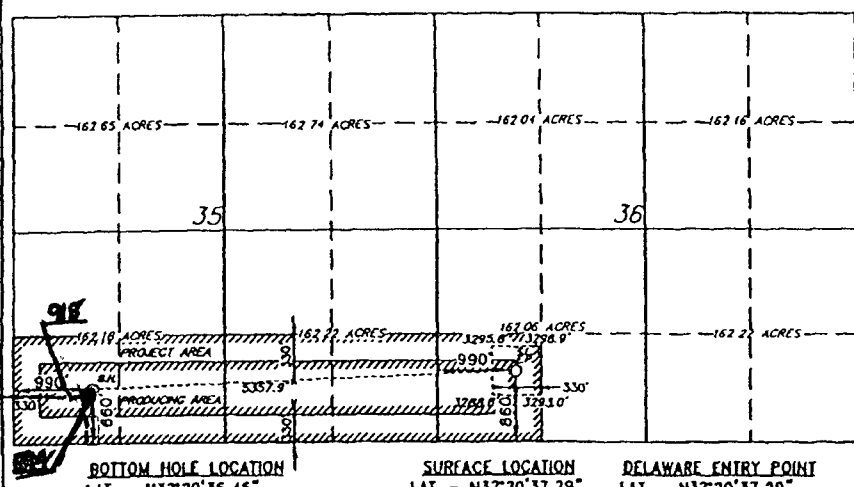
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	22 S	30 E		860	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	22 S	30 E		594	SOUTH	918	WEST	EDDY

Dedicated Acres 200	Joint or Infill N	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Gary E. Gerhard</i> 1/14/07 Signature Date</p> <p>Gary E. Gerhard Printed Name</p>
<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 8, 2008 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature of Registered Professional Surveyor</p> <p>W. L. Jones Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>		

SCALE - 1" = 2000'

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37063	Pool Code 50443	Pool Name Quahada Ridge, SE (Delaware)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 106H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3296'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	22 S	30 E		1595	SOUTH	1096	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	35	22 S	30 E		2011	SOUTH	378	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No
200	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT 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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Valerie Truax</i> 11/13/09 Signature Date Valerie Truax Printed Name
	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. JANUARY 5, 2009 Date Surveyed Signature & Seal of Professional Surveyor
	W.O. No. 20994 Certificate No. Gary L. Jones 7977
	SCALE - 1" = 2000'

SURFACE LOCATION	DELAWARE ENTRY POINT
LAT - N32°20'44.57"	LAT - N32°20'44.57"
LONG - W103°50'21.82"	LONG - W103°50'21.82"
SPC - N.: 489854.073	SPC - N.: 489854.073
E.: 693876.291	E.: 693876.291
(NAD-83)	(NAD-83)

BASIN SURVEYS

AM

District I
525 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36722	Pool Code 50443	Pool Name Southeast Quahada Ridge, Delaware
Property Code 4060	Property Name JAMES RANCH UNIT	Well Number 112H
OGRIID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3313.3'

Surface Location

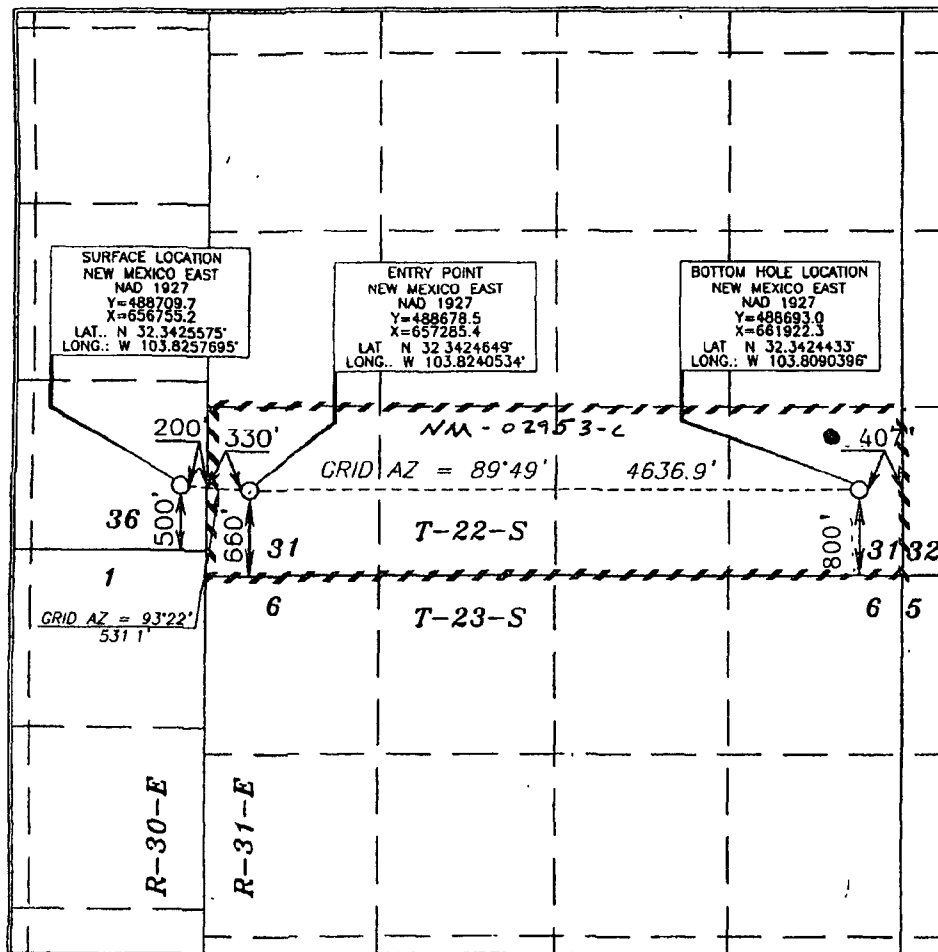
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	22 SOUTH	30 EAST, N.M.P.M.		500'	SOUTH	200'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	22 SOUTH	31 EAST, N.M.P.M.		800	SOUTH	407	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

No allowabie will be assigned to this completion until all interests have been consolidated or a non-standard unit 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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Don J. Murr 5/5/08
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

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

APR 15, 2008
Date of Survey

Signature and Seal of Professional Surveyor

Terry J. Paul 4/9/2008
Certificate Number 15079

W09 080415WL (Rev. A)(KA)

AUG 10 2009

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-37046	Pool Code 50443	Pool Name Southeast Quabada Ridge - Delaware
Property Code 4060	Property Name JAMES RANCH UNIT	Well Number 113H
OCRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3316.3'

Surface Location

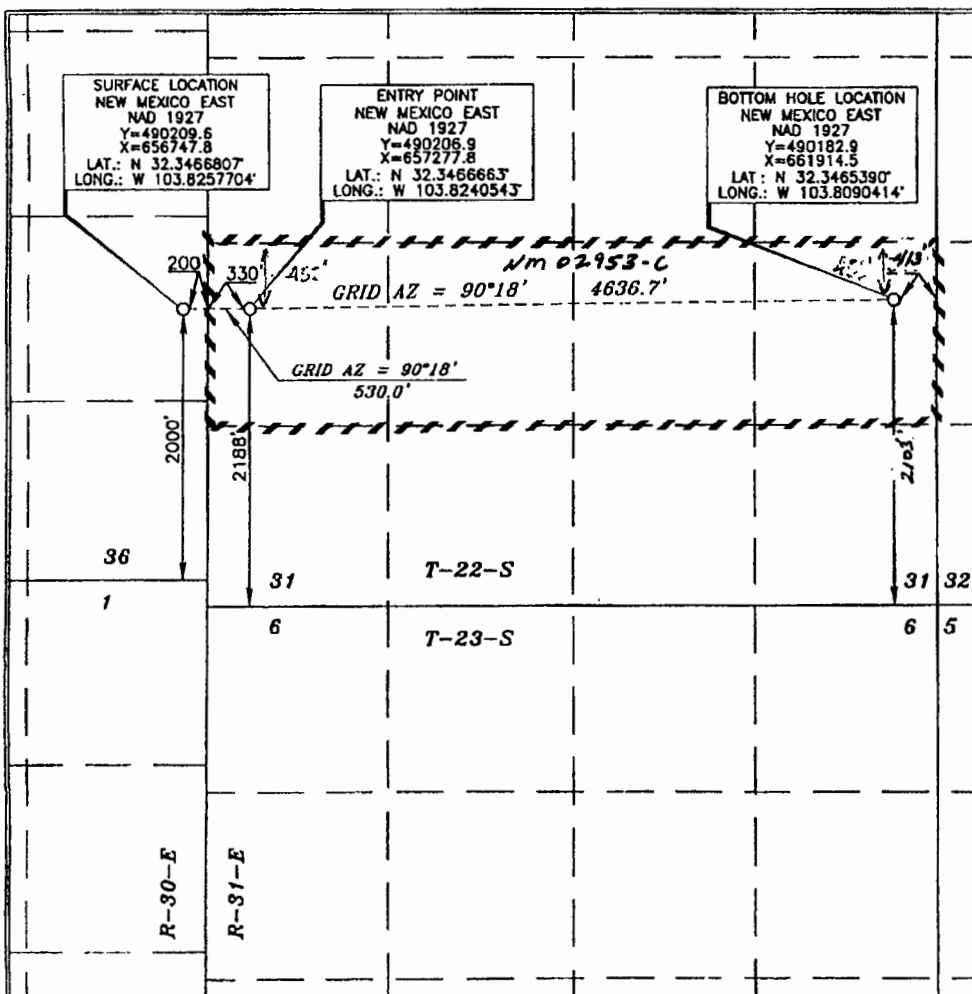
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	22 SOUTH	30 EAST, N.M.P.M.		2000	SOUTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	22 SOUTH	31 EAST, N.M.P.M.		2103	SOUTH	413	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit 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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Don D. Muth 12/19/08
Signature Date

Donny G. Glatton
Printed Name

SURVEYOR CERTIFICATION

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

NOVEMBER 18, 2008
Date of Survey

Signature and Seal of
Professional Surveyor

Terry J. Paul 12/2/2008
Certificate Number 15079

WO# 081118WL (Rev. A)(KA)

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

DISTRICT II
1301 W. Grand Avenue, 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 Department

Form C-102
Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38288	Pool Code 50443	Pool Name Quahada Ridge, SE (Delaware)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 129H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3324'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	22 S	30 E		630	NORTH	330	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	31	22 S	31 E		716	NORTH	381	EAST	EDDY

Dedicated Acres 200	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

NOTE: SURVEY CERTIFICATION IS
FOR SURFACE LOCATION ONLY

RECEIVED
JUN 06 2011
NMOCD ARTESIA

SURFACE LOCATION
Lat - N 32°21'14.72"
Long - W 103°49'36.05"
NMSPCE- N 492919.578
E 697787.915
(NAD-83)

BOTTOM LOCATION
Lat - N 32°21'11.86"
Long - W 103°48'34.93"
NMSPCE- N 492656.19
E 703031.95
(NAD-83)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Valerie Truax* Date: 5/26/11

Printed Name: Valerie Truax

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.

Date Surveyed: *JUN 5 2011*

Signature & Seal of Professional Surveyor: *Gary L. Jones* 7977

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

Form C-102
Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38308	Pool Code 50443	Pool Name Quahada Ridge: SE (Delaware)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 130H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3321'

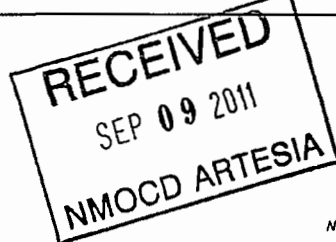
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	22 S	30 E		2185	NORTH	180	EAST	EDDY

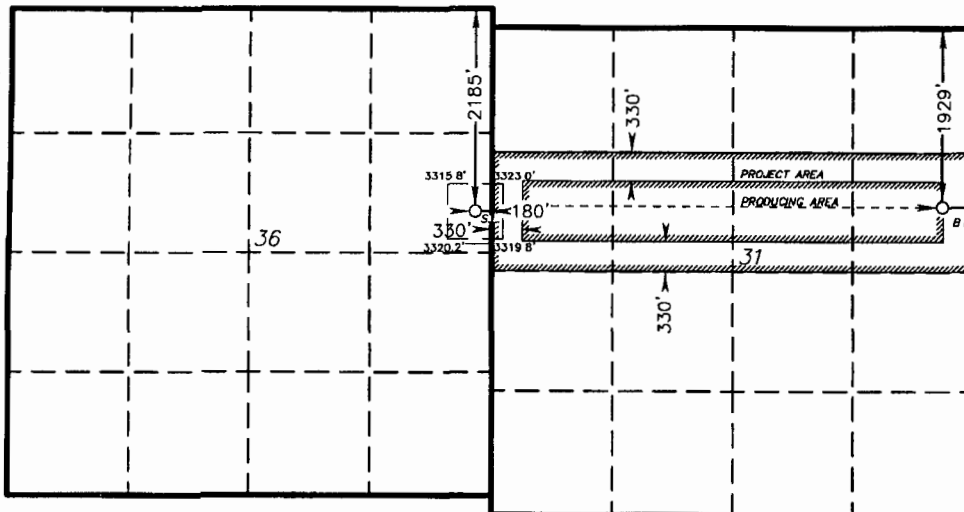
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	22 S	31 E		1929	NORTH	338	EAST	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



NOTE: SURVEY CERTIFICATION
IS FOR SURFACE
LOCATION ONLY.



SURFACE LOCATION
Lat - N 32°20'59.33"
Long - W 103°49'34.32"
NMSPCE- N 491365.310
E 697943.947
(NAD-83)

DELAWARE PENETRATION PT.
Lat - N 32°20'59.33"
Long - W 103°49'34.32"
NMSPCE- N 491365.310
E 697943.947
(NAD-83)

BOTTOM HOLE LOCATION
Lat - N 32°20'59.36"
Long - W 103°48'34.33"
NMSPCE- N 491443.22
E 703081.37
(NAD-83)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sandra J. Belt 9-8-11
Signature Date

Sandra J Belt
Printed Name

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.

GARY L. JONES
Date Surveyed
Signature & Seal of Professional Surveyor
7977

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, 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 Department

Form C-102
Revised July 16, 2010
Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-39809	50443	Quahada Ridge, SE (Del)
Property Code	Property Name	Well Number
306407	JAMES RANCH UNIT	140H
OGRID No.	Operator Name	Elevation
260737	BOPCO, L.P.	3345'

Surface Location

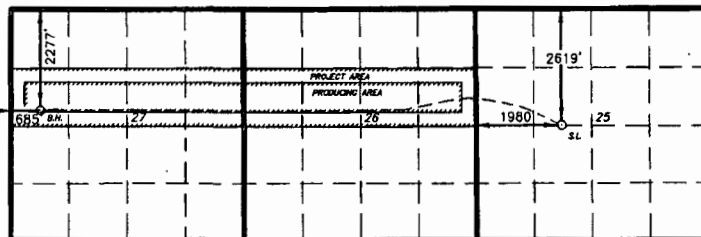
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	25	22 S	30 E		2619	NORTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	22 S	30 E		2277	NORTH	685	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



BOTTOM HOLE LOCATION
Lat - N 32°21'50.67"
Long - W 103°52'29.58"
NMSPC- N 496468.66
E 641552.98
(NAD-27)

SURFACE LOCATION
DELAWARE PP
Lat - N 32°21'47.01"
Long - W 103°50'09.67"
NMSPC- N 496152.802
E 653554.999
(NAD-27)

RECEIVED
DEC 13 2012
NMOCD ARTESIA

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Charles Lane
Date: 11-23-12
Printed Name: Charles Lane
Email Address: clane@basspet.com

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.

Signature: Gary L. Jones
Date: 11-23-12
Professional Surveyor
Seal of Professional Surveyor
1977

Certificate No. Gary L. Jones 7977
BASIN SURVEYS 25273

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

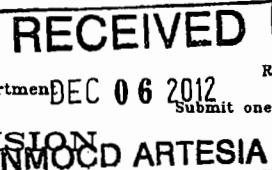
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

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 Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505



Form C-102
Revised July 16, 2010
Submit one copy to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

As Drilled

API Number 30-015-39972	Pool Code 50443	Pool Name Quahada Ridge, SE (Del)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 141H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3346'

Surface Location

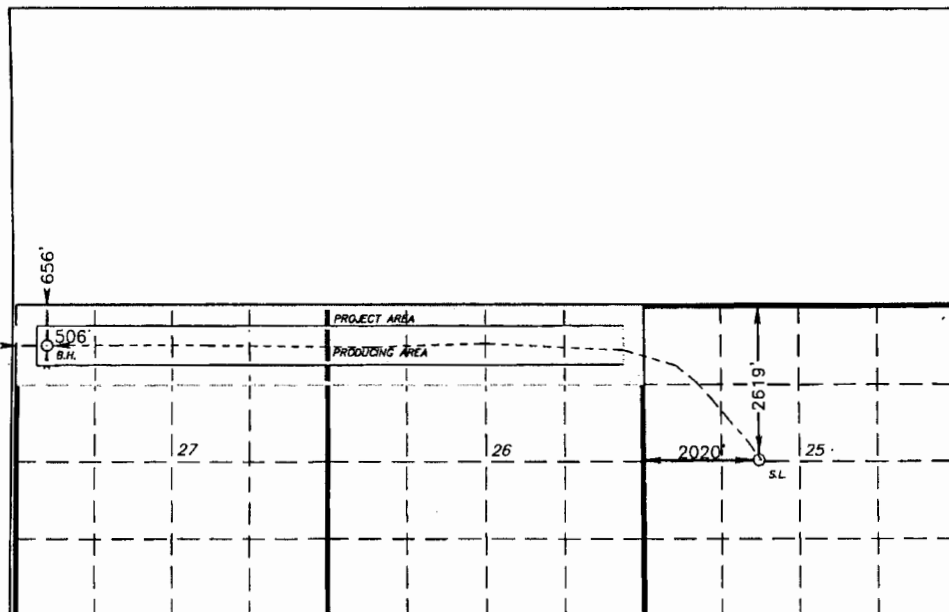
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	25	22 S	30 E		2619	NORTH	2020	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	22 S	30 E		656	NORTH	506	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



BOTTOM HOLE LOCATION
Lat - N 32°22'06.72"
Long - W 103°52'31.65"
NMSPCE- N 498090.06
E 641369.07
(NAD-27)

SURFACE LOCATION
DELAWARE PP
Lat - N 32°21'47.01"
Long - W 103°50'09.20"
NMSPCE- N 496152.977
E 653594.881
(NAD-27)

SCALE 1"=3000'

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Charles Wanne 10-23-12
Signature Date
Charles Wanne
Printed Name
chwanne@kasspet.com
Email Address

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.

GARY L. JONES
Date Surveyed
Signature & Seal of Professional Surveyor
Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVEYS 25990

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

Form C-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT
"As Drilled"

API Number 30-015-41424	Pool Code 40295	Pool Name Los Medanos; Bone Spring
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 144H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3311'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	22 S	30 E		2315	NORTH	2594	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	22 S	31 E		1984	NORTH	311	EAST	EDDY

Dedicated Acreage 240	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION
Lot - N 32°20'57.85"
Long - W 103°50'00.70"
NMSPC - N 491168.544
E 854347.964
(NAD-27)

BOTTOM HOLE LOCATION
Lot - N 32°20'58.88"
Long - W 103°48'32.34"
NMSPC - N 491329.2
E 861926.5
(NAD-27)

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Tracie J Cherry* Date: 10-30-13
Printed Name: Tracie J Cherry
Email Address: tjcherry@basspet.com

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.

Date Surveyed: 10-30-13
Signature & Seal of Professional Surveyor: *[Signature]*
Certificate No. Gary L. Jones 7977
BASIN SURVEYS 27679

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, 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 Department

Form C-102
Revised July 18, 2010
Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-414.12	Pool Code 40295	Pool Name Los Medanos (Bone Spring)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 148H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3312'

Surface Location

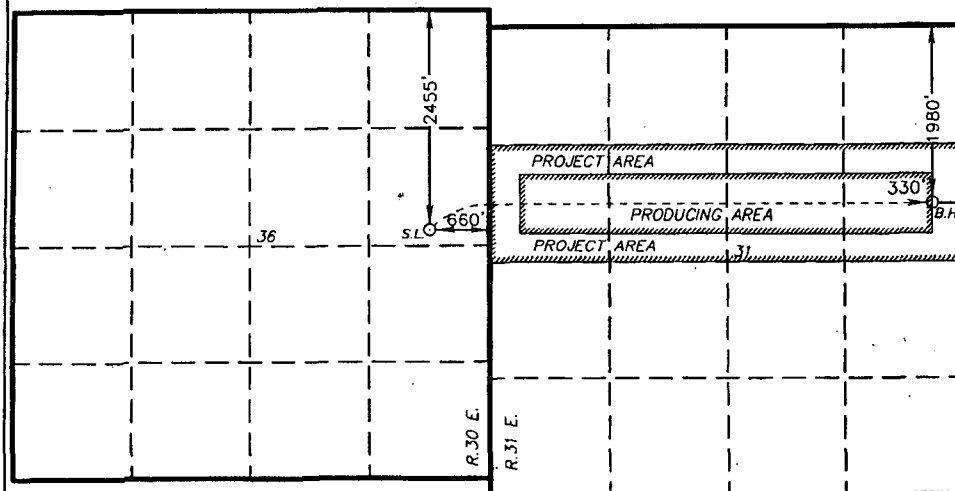
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	22 S	30 E		2455	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	22 S	31 E		1980	NORTH	330	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



SURFACE LOCATION
Lat - N 32°20'56.23"
Long - W 103°49'38.15"
NMSPCE- N 491033.611
E 656282.216
(NAD-27)

**PROPOSED BOTTOM
HOLE LOCATION**
Lat - N 32°20'58.92"
Long - W 103°48'32.57"
NMSPCE- N 491332.928
E 661906.711
(NAD-27)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Jeremy Braden 3-12-13
Signature _____ Date _____
Printed Name
Jeremy Braden
jdbraden@basspet.com
Email Address

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.

DECEMBER 2012
Date Surveyed
Signature of
Professional Surveyor
7977
Certificate No. Gary L. Jones 7977

BASIN SURVEYS 27676

BOPCO, L. P.
6 DESTA DRIVE, SUITE 3700 (79705)
P. O. BOX 2760
MIDLAND, TEXAS 79702

(432) 683-2277

FAX (432) 687-0329

February 5, 2014

Jamie Jennings
PO BOX 670326
Dallas, TX 75367-0326

Certified Tracking #7196 90108 9115 5692 4842

RE: Application for Surface Commingling and Off Lease Sales and Measurement
Eddy County, New Mexico

Interest Owners:

This letter and attached copy of application is to notify you, as interest owner, that BOPCO, L.P. is petitioning the Bureau of Land Management and New Mexico Oil Conservation Division for permission to commingle production from various leases and pools, and measure and sell the production off the lease. The wells affected are listed on page 2 of this letter.

If you should have any questions or require additional information please feel free to contact me. Any objections or requests for hearing must be filed with the Oil Conservation Division, 1220 South St Frances Dr., Santa Fe, New Mexico 87505 within 20 days of this letter's date.

Sincerely,

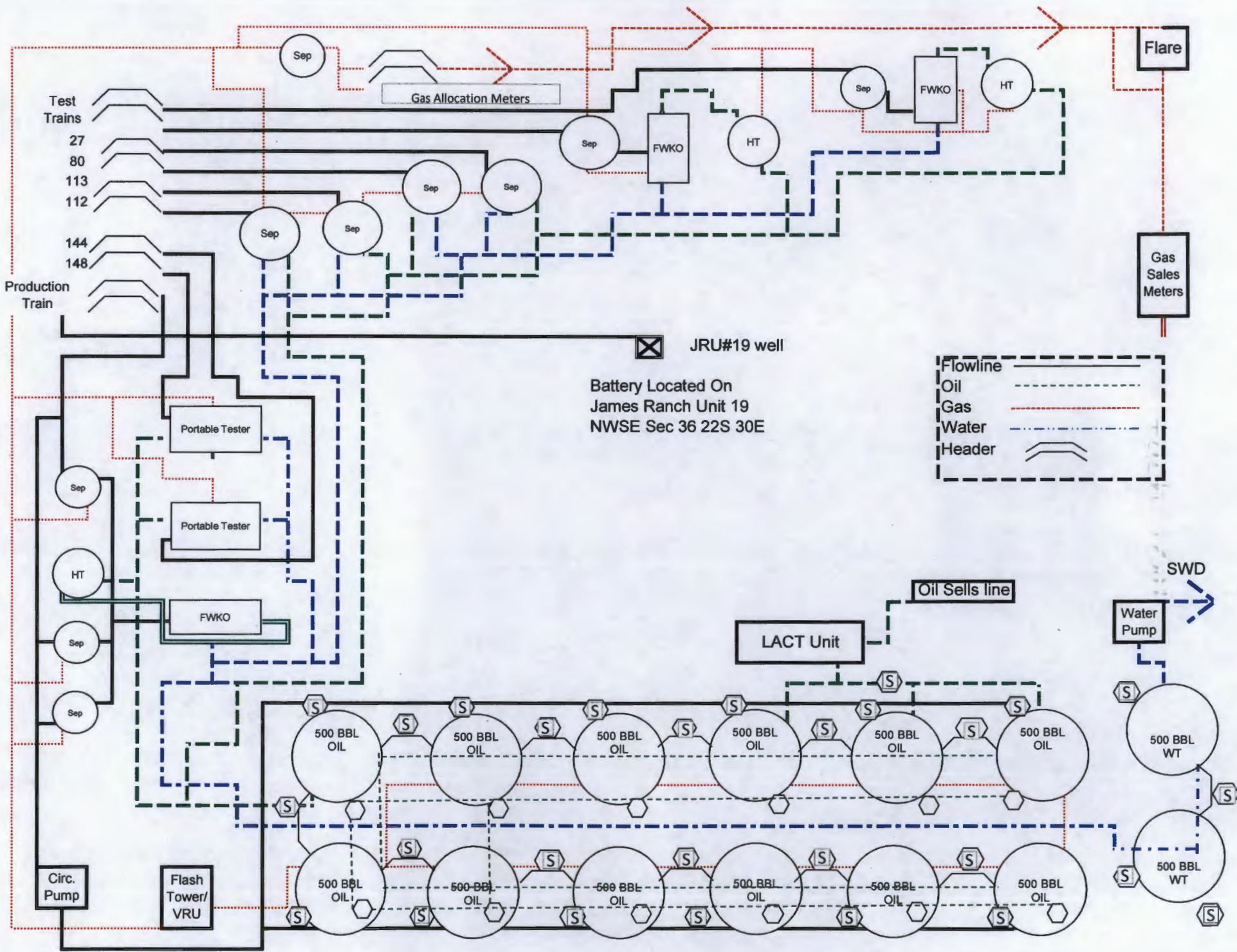


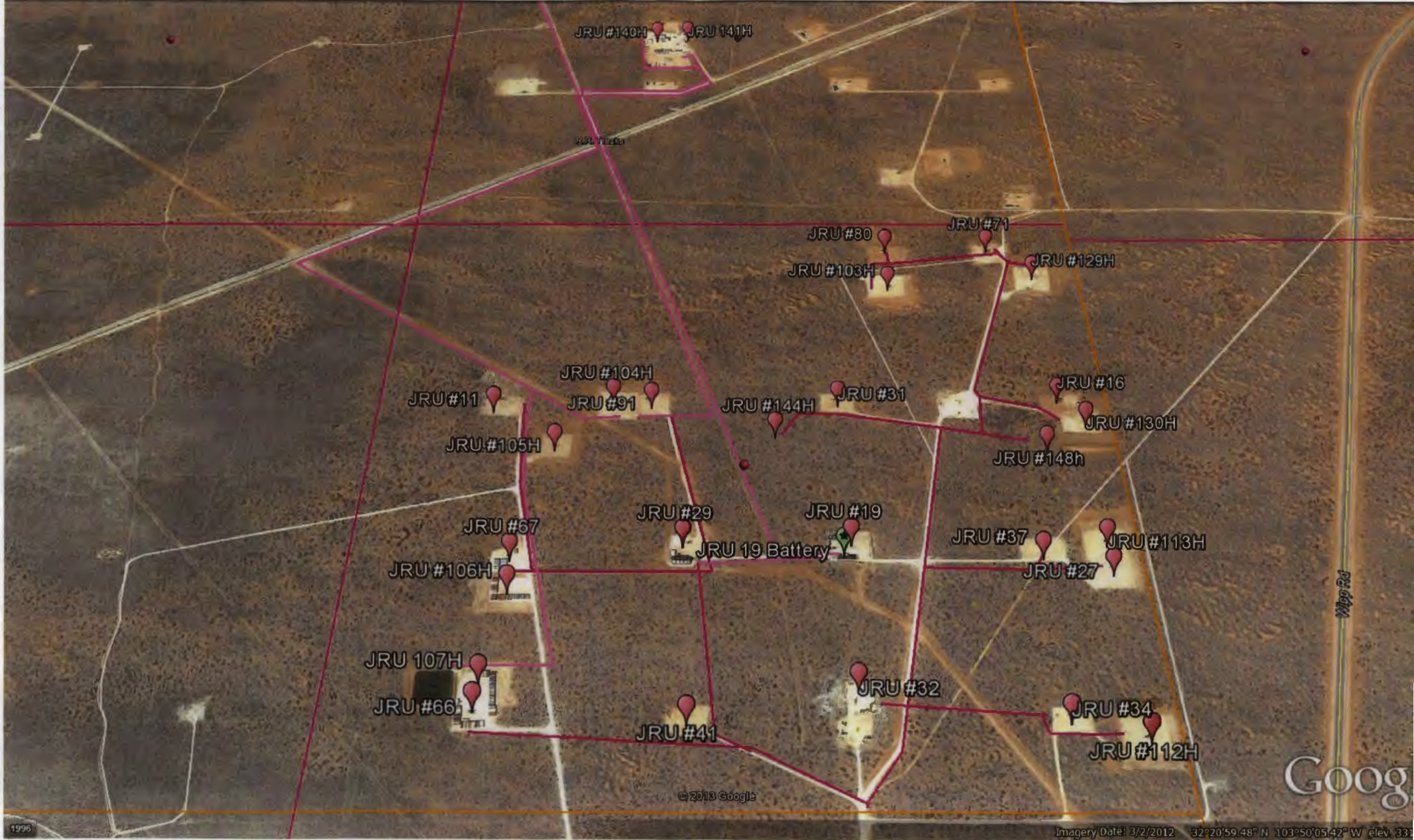
Tracie J Cherry
Sr Regulatory Analyst

rjt/TJC
Attachments

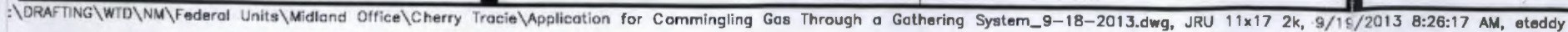
The following were furnished a copy of Application via certified mail on February 5, 2014

[illegible]





© 2013 Google



Application to Surface Commingle
BOPCO, LP
James Ranch Unit
Eddy County, NM

Well	Prod. Start	Cumulative			Past 6 Months Production																	
		Oil	Gas	Wtr	Jan			Dec			Nov			Oct			Sept			Aug		
					O	G	W	O	G	W	O	G	W	O	G	W	O	G	W	O	G	W
JRU 19	Apr-93	140,439	379,980	300,229	255	678	1,069	255	699	931	266	671	1,047	285	724	1,166	222	911	978	255	952	925
JRU 031	Jan-00	85,057	225,687	225,744	193	560	176	245	672	297	204	652	315	175	708	329	156	914	364	186	1,219	383
JRU 032	Apr-00	54,659	163,942	155,472	171	569	797	172	540	749	155	560	616	145	640	791	117	627	627	112	625	878
JRU 034	Jun-00	48,856	158,184	182,417	130	557	955	135	575	888	153	652	979	146	597	993	135	586	814	151	667	831
JRU 037	Dec-93	75,558	278,670	138,647	116	417	413	96	394	495	108	365	460	118	411	425	97	478	483	110	456	404
JRU 066	May-00	147,476	301,486	370,570	389	140	806	450	1,442	1,062	547	1,671	1,416	626	1,777	1,305	470	1,569	901	354	1,567	694
JRU 067	May-00	172,358	313,553	358,513	528	1,230	1,083	616	1,290	1,373	535	1,283	1,119	468	1,378	884	398	13,887	929	457	1,471	943
JRU 029	Feb-94	110,319	236,895	244,215	93	342	363	219	654	983	187	819	628	163	798	464	109	611	390	117	881	494
JRU 041	Jul-94	84,365	184,170	191,261	60	252	121	56	158	136	55	157	97	58	156	120	69	221	180	50	159	148
JRU 016*	Feb-96	194,239	471,154	109,605	606	2,028	58	607	1,521	292	722	1,116	424	534	2,410	188	298	1,015	124	305	1,421	56
JRU 027*	Sep-00	121,578	395,930	260,341	570	1,599	967	670	1,869	871	516	2,770	894	549	2,687	894	500	3,794	854	524	2,560	862
JRU 071*	Nov-94	213,687	491,018	155,575	12	217	234	212	826	480	243	748	414	506	1,115	377	380	1,200	363	332	1,143	278
JRU 011	Jun-81	284,187	1,627,796	54,081	1,488	2,929	743	1,411	2,390	842	1,638	1,378	803	1,460	3,867	241	1,703	3,369	518	1,301	4,298	90
JRU 080*	Sep-03	160,751	358,232	186,323	672	2,654	646	678	2,173	551	451	2,221	253	425	2,438	164	382	2,321	210	563	2,731	454
JRU 091	Nov-04	75,173	180,638	311,066	110	695	386	232	753	964	334	856	1,036	284	1,014	1,136	310	1,105	1,182	335	1,036	1,462
JRU 112h	Apr-09	88,519	202,480	277,969	476	1,107	1,823	723	1,668	2,742	712	1,722	2,708	732	1,778	2,755	620	1,619	2,313	606	1,666	1,997
JRU 113h	Jul-09	93,422	186,711	372,829	1,190	2,504	7,935	1,113	2,162	7,625	899	1,754	5,225	913	1,638	4,228	603	1,265	2,714	609	1,324	2,164
JRU 107H	Jul-09	177,394	226,387	399,050	1,011	2,688	2,559	969	2,269	2,427	865	2,245	2,238	1,099	2,445	2,700	1,071	2,858	2,769	1,017	3,644	2,330
JRU 106H	Nov-09	233,419	546,013	902,858	2,172	8,531	11,018	2,075	8,739	10,757	2,045	7,451	10,535	2,144	8,463	10,510	2,118	8,230	10,535	2,462	8,628	13,165
JRU 105H	Aug-09	225,459	449,536	963,151	1,829	7,769	11,149	1,937	6,819	10,644	1,553	7,917	11,372	1,809	8,307	13,584	2,287	8,856	17,307	3,212	11,141	22,754
JRU 104H	Jan-10	264,331	549,659	1,337,486	3,108	10,925	23,034	3,241	12,805	23,357	3,070	9,964	21,841	3,423	11,366	24,369	3,077	10,344	22,302	2,866	10,249	19,275
JRU 103H	Dec-09	165,360	375,985	476,254	1,299	3,569	4,535	1,200	3,212	4,278	964	2,167	3,894	872	1,348	1,136	575	934	2,160	926	1,492	2,269
JRU 129H	May-11	162,623	411,091	1,099,880	2,271	8,667	24,203	2,268	6,270	24,712	2,242	7,071	22,235	2,646	9,784	24,492	2,522	8,342	25,419	2,629	9,408	24,695
JRU 130H	Aug-11	97,069	290,916	846,134	889	1,641	3,222	1,065	3,507	5,896	999	4,174	10,015	1,725	6,513	20,100	1,454	6,153	17,324	1,839	6,610	20,416
JRU 141H	Sep-12	180,926	326,522	962,013	5,452	17,082	67,081	7,608	18,105	61,117	7,243	17,854	53,668	8,066	19,845	57,193	8,290	14,088	57,235	8,498	15,018	52,399
JRU 140H	Oct-12	216,112	456,519	1,084,034	8,955	30,030	72,554	9,006	28,057	71,158	9,774	28,186	69,862	10,369	28,102	70,852	10,788	27,888	67,150	11,869	29,819	65,933
JRU 148H	Aug-13	54,690	129,083	109,607	8,128	18,489	12,957	9,382	21,368	17,801	11,011	25,677	20,350	6,076	13,981	11,464	17,462	43,029	33,193	2,631	6,539	103,842

* Wells are downhole commingled in the Delaware(D), Bone Spring (B) and Wolfcamp (W) formations. The production allocated to each formation is listed on Page 2

Application to Surface Commingle
 BOPCO, LP
 James Ranch Unit
 Eddy County, NM

JRU 016D
 JRU 016B
 JRU 016W
 JRU 027D
 JRU 027B
 JRU 027W
 JRU 071D
 JRU 071B
 JRU 071W
 JRU 080D
 JRU 080B
 JRU 080W

Cumulative		
Oil	Gas	Wtr
81,602	174,514	54,802
75,743	230,764	54,803
36,894	65,875	0
59,670	288,997	198,011
30,954	53,466	31,165
30,954	53,467	31,165
143,104	356,004	130,436
50,049	112,134	17,626
20,534	22,880	7,513
84,946	182,675	164,675
29,578	71,522	8,242
46,727	104,035	13,407

Past 6 Months Production																	
Jan			Dec			Nov			Oct			Sept			Aug		
O	G	W	O	G	W	O	G	W	O	G	W	O	G	W	O	G	W
255	750	29	255	563	146	303	413	212	240	1,114	94	125	376	62	128	526	28
236	994	29	237	745	146	828	547	212	240	1,114	94	116	497	62	119	696	28
115	284	0	115	213	0	137	156	0	54	181	0	57	142	0	58	199	0
274	1,167	725	322	1,365	653	248	2,022	670	263	1,961	670	240	2,770	640	252	1,868	646
148	216	121	174	252	109	134	374	112	143	363	112	130	512	107	136	246	108
148	216	121	174	252	109	134	374	112	143	363	112	130	512	107	136	346	108
9	176	210	151	669	432	173	606	372	376	910	339	270	872	327	236	926	250
2	35	12	40	132	24	46	120	21	85	173	19	72	192	18	63	183	14
1	6	12	21	25	24	24	22	21	45	32	19	38	36	18	33	34	14
363	1,380	575	366	1,130	490	243	115	225	230	1,268	146	206	1,207	187	304	1,420	404
114	504	26	115	413	22	77	422	10	72	463	7	65	441	8	96	519	18
195	770	45	197	630	39	131	644	18	123	707	12	111	673	15	163	792	32

"break down of commingled zones"