

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM02860

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BOPCO, L.P. ✓

3a. Address

P O Box 2760 Midland Tx 79702

3b. Phone No. (include area code)

(432)683-2277

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

NMNM 71016G

8. Well Name and No.

Poker Lake Unit #213 ✓

9. API Well No.

30-015-33859 ✓

10. Field and Pool or Exploratory Area

NASH DRAW-DEL/BS/AVALON SAND

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

P; Sec. 18; 24S; 30E; 860' FSL & 660' FEL

11. Country or Parish, State

EDDY

NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Flare Line & Flare @ Battery
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

BOPCO, L.P. respectfully requests approval to flare and lay a surface flare line at the Poker Lake Unit #213 battery. The flare line is being requested due to Southern Union Gas Service issues. BOPCO, L.P. has had several instances where venting into tanks was the only action that could be taken while maintaining oil production. Because of this unsafe practice, BOPCO is requesting permission to lay this line and flare. BOPCO, L.P. is requesting permission to flare gas for an undetermined amount of time, until pipeline issues have been resolved and also to flare in the future whenever this type of situation may arise again. The location will be bermed, fenced and cleared of vegetation all on the well pad located on top of old reserve pit. Flare line, igniter, 2-phase scrubber to knock liquids and return to tank. All gas will be metered prior to the flare. The daily average of gas to be flared will be 1500 MCF per day. The line will be laid to the flare prior to the meter. Gas is currently metered and will be measured while flaring.

See attachment.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

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

Sandra J. Belt ext. 149

Title Sr. Regulatory Clerk

Signature

*Sandra J. Belt*

Date 09/01/2011

**APPROVED**

**SEP 14 2011**

/s/ JD Whitlock Jr

**BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE**

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

Accepted for record - NMOCD  
9-27-11

**Attachment to Flare Request Sundry  
Poker Lake 213 Battery**

**NTL 4a; IV; Other Venting or Flaring**

Except as provided in II.C and III above, oil well gas may not be vented or flared unless approved in writing by the Supervisor. The Supervisor may approve an application for the venting or flaring of oil well gas if justified either by the submittal of (1) an evaluation report supported by engineering, geologic, and economic data which demonstrates to the satisfaction of the Supervisor that the expenditures necessary to market or beneficially use such gas are not economically justified and that conservation of the gas, if required, would lead to the premature abandonment of recoverable oil reserves and ultimately to a greater loss of equivalent energy than would be recovered if the venting or flaring were permitted to continue or (2) an action plan that will eliminate venting or flaring of the gas within 1 year from the date of application.

The venting or flaring of gas from oil wells completed prior to the effective date of this Notice is authorized for an interim period. However, an application for approval to continue such practices must be submitted within 90 days from the effective date hereof, unless such venting or flaring of gas was authorized, approved, ratified, or accepted previously by the Supervisor. For oil wells completed on or after the effective date of this Notice, an application must be filed with the Supervisor, and approval received, for any venting or flaring of gas beyond the initial 30-day or other authorized test period.



# Laboratory Services, Inc.

2609 West Marland  
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

FOR: BOPCO LP  
Attention: Dean Clemmer  
522 W. Mermod #704  
Carlsbad, New Mexico 88220

SAMPLE:  
IDENTIFICATION PLU 213 Batt Sales  
COMPANY: BOPCO LP  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 6/2/11 9:45 am  
ANALYSIS DATE: 6/6/11  
PRESSURE - PSIG 70  
SAMPLE TEMP. °F 89  
ATMOS. TEMP. °F 83

GAS (XX) LIQUID ( )  
SAMPLED BY: C. Bloodworth  
ANALYSIS BY: Vicki McDaniel

REMARKS:

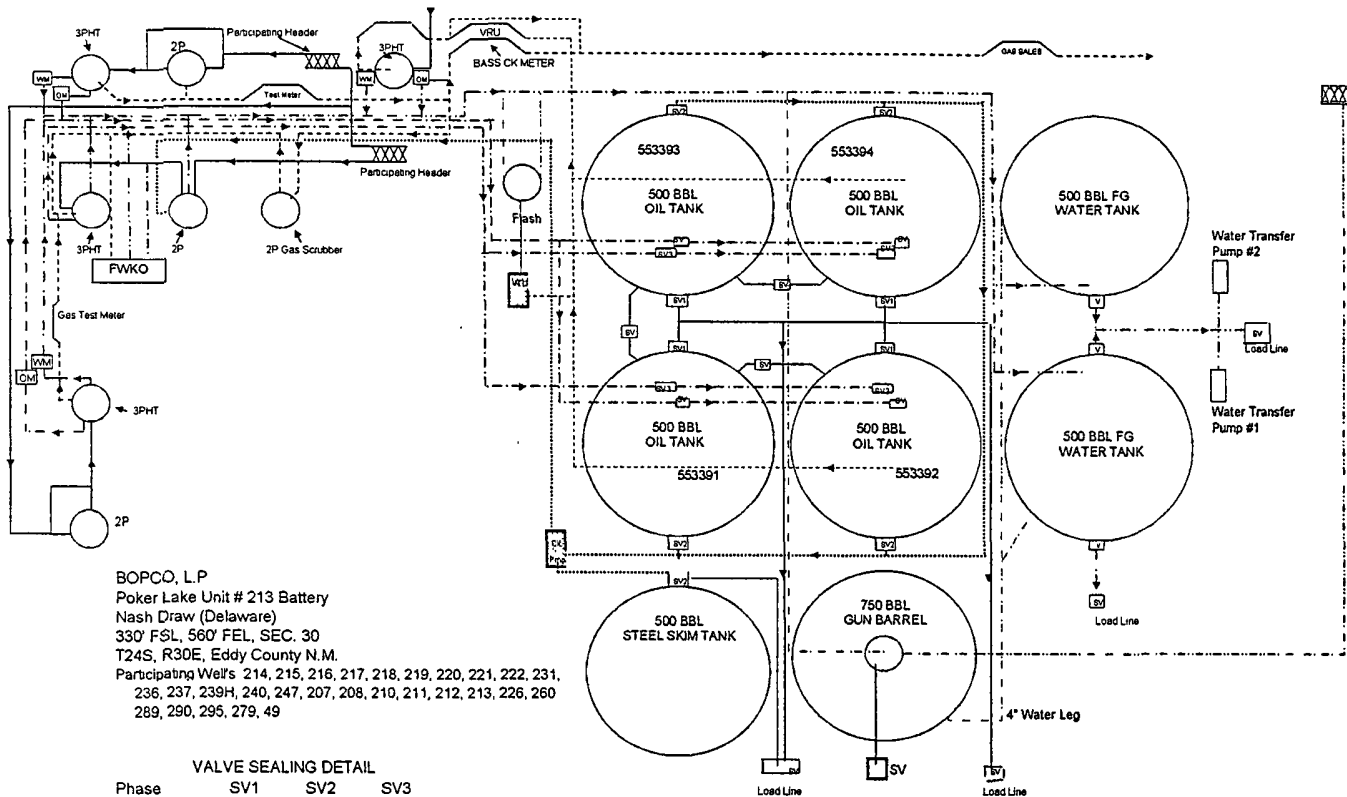
## COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	4.634	
Carbon Dioxide (CO2)	4.474	
Methane (C1)	69.543	
Ethane (C2)	10.416	2.779
Propane (C3)	6.054	1.664
I-Butane (IC4)	0.764	0.249
N-Butane (NC4)	1.900	0.598
I-Pentane (IC5)	0.516	0.188
N-Pentane (NC5)	0.544	0.197
Hexane Plus (C6+)	1.155	0.501
	100.000	6.176

BTU/CU.FT. - DRY 1228  
AT 14.650 DRY 1224  
AT 14.650 WET 1203  
AT 14.73 DRY 1231  
AT 14.73 WET 1210

MOLECULAR WT. 23.5321

SPECIFIC GRAVITY -  
CALCULATED 0.816  
MEASURED



BOPCO, L.P.  
 Poker Lake Unit # 213 Battery  
 Nash Draw (Delaware)  
 330' FSL, 560' FEL, SEC. 30  
 T24S, R30E, Eddy County N.M.  
 Participating Wells 214, 215, 216, 217, 218, 219, 220, 221, 222, 231,  
 236, 237, 239H, 240, 247, 207, 208, 210, 211, 212, 213, 226, 260  
 289, 290, 295, 279, 49

#### VALVE SEALING DETAIL

Phase	SV1	SV2	SV3
Production	Sealed	Sealed	Open
Recycle	Sealed	Open	Sealed
Sales	Open	Sealed	Sealed

#### Oil Tank Serial #'s

Permian Tanks 500 bbl #553395  
 Nom Diameter 15'-6" Height 16'  
 Built 2008 Serial #46805

Permian Tanks 500 bbl #553391  
 Nom Diameter 15'-6" Height 16'  
 Built 2004 Serial #38250

Permian Tanks 500 bbl #553393  
 Nom Diameter 15'-6" Height 16'  
 Built 2004 Serial #38251

Permian Tanks 500 bbl #553392  
 Nom Diameter 15'-6" Height 16'  
 Built 2004 Serial #38179

Permian Tanks 500 bbl #553394  
 Nom Diameter 15'-6" Height 16'  
 Built 2004 Serial #38177

#### Water Tank Serial #'s

Permian Tanks 500 bbl FG  
 Built 2005 Serial #5024-06

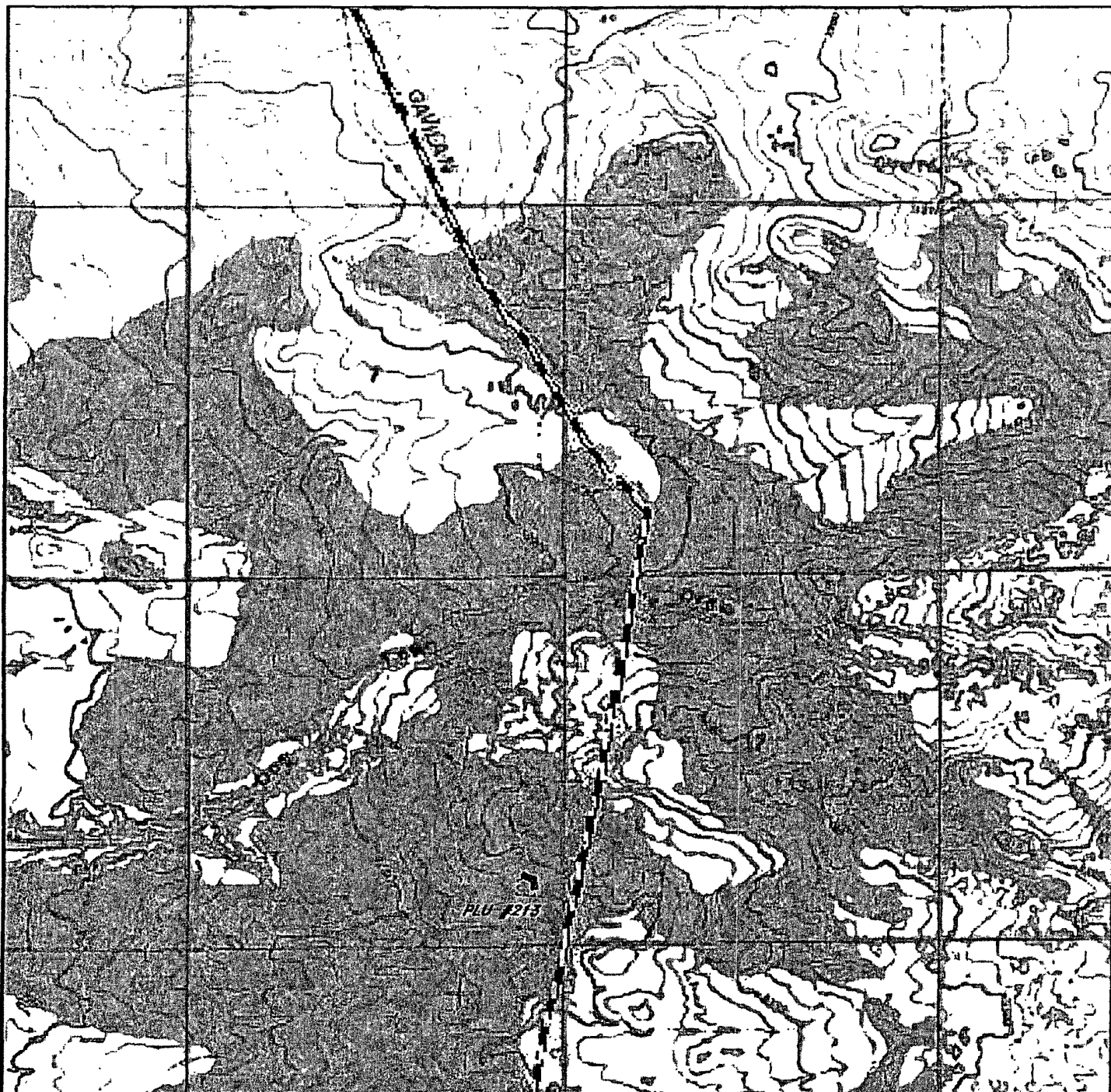
Permian Tanks 500 bbl FG  
 Built 2005 Serial #5397-05

Belco 750 bbl FG  
 Built ? Serial #11050

- Production Line
- - - Oil Dump Line
- - - Gas Line
- - - Water Line
- - - Circulating Line
- - - Test Line (Oil)

- SV = Sealed Valve
- V = Valve
- WM = Water Meter
- OM = Oil Meter
- 3 P HT = 3 Phase Heater
- 3 P Test = 3 Phase Sep.
- 2 P Sep = 2 Phase Sep.
- 2 P GS = 2 Phase Gas Scrubber

Battery	Location	Analysis	Lease #	Lease Name & Well #	Lease Type
PLU 213	18 T24S R30E	Attached	1000360	PLU 210	Federal
	19 T24S R30E			PLU 217	Federal
	18 T24S R30E		1000360	PLU 208	Federal
	19 T24S R30E			PLU 214	Federal
	17 T24S R30E			PLU 226	Federal
	18 T24S R30E			PLU 207	Federal
	24 T19S R30E			PLU 216	Federal
	19 T24S R30E			PLU 231	Federal
	19 T24S R30E			PLU 218	Federal
	19 T24S R30E			PLU 221	Federal
	18 T24S R30E			PLU 211	Federal
	19 T24S R30E			PLU 215	Federal
	19 T24S R30E			PLU 222	Federal
	18 T24S R30E			PLU 212	Federal
	19 T24S R30E			PLU 237	Federal
	19 T24S R30E			PLU 236	Federal
	17 T24S R30E			PLU 260	Federal
	20 T24S R30E			PLU 247	Federal
	19 T24S R30E			PLU 219	Federal
	19 T24S R30E			PLU 295	Federal
	30 T24S R30E			PLU 240	Federal
	19 T24S R30E			PLU 220	Federal
	18 T24S R30E			PLU 289	Federal
	19 T24S R30E			PLU 279	Federal
	19 T24S R30E		1000388	PLU 290	Federal
	19 T24S R30E		1000360	PLU 290	Federal
	30 T24S R30E			PLU 239H	Federal



**PROPOSED FLARE LINE TO THE PLU #213**  
 Section 18, Township 24 South, Range 30 East,  
 N.M.P.M., Eddy County, New Mexico.

**basin**  
**surveys**  
 focused on excellence  
 in the oilfield

P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2208 - Fax  
 basinsurveys.com

W.O. Number: KJG - 24802

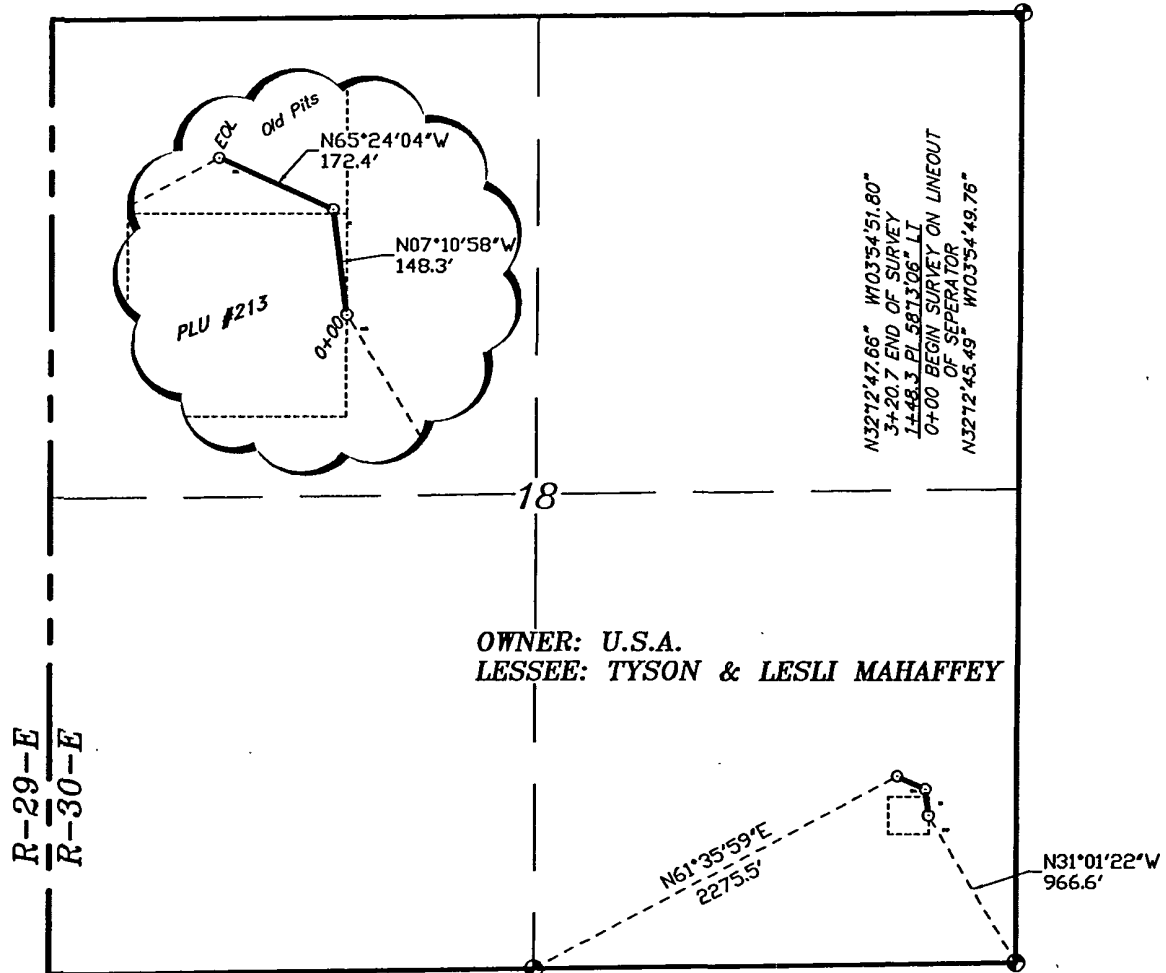
Survey Date: 06-13-2011

Scale: 1" = 2000'

Date: 07-05-2011

**BOPCO, L.P.**

SECTION 18, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



OWNER: U.S.A.  
LESSEE: TYSON & LESLI MAHAFFEY

LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 18, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

320.7 FEET = 0.06 MILES = 19.44 RODS = 0.22 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES, N.M. P.S. No. 7977  
No. 5074

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 24802 Drawn By: K. GOAD

Date: 07-05-2011 Disk: KJG - 24802PIPELINE.DWG

1000 0 1000 2000 FEET

**BOPCO, L.P.**

REF: PROPOSED FLARE LINE TO THE POKER LAKE UNIT #213

A PIPELINE CROSSING USA LAND IN  
SECTION 18, TOWNSHIP 24 SOUTH, RANGE 30 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 06-13-2011 Sheet 1 of 1 Sheets

**Poker Lake #213 Battery  
NM71016G**

**BOPCO, L.P.**

September 12, 2011

**Condition of Approval to Flare Gas**

1. Report all volumes on OGOR reports.
2. Comply with NTL-4A requirements
3. Subject to like approval from NMOCD
4. Flared volumes will still require payment of royalties
5. Install gas meter on vent/flare line to measure gas prior to venting/flaring operations if it is not equipped as such at this time. Gas meter to meet all requirements for sale meter as Federal Regulations and Onshore Order #5.
6. This approval does not authorize any additional surface disturbance.
7. Submit updated facility diagram as per Onshore Order #3.



# Facility Maintenance

Case Number	Type	Case Name	Operator
NMNM71016X	318210	POKER LAKE UNIT - EXPLORA	BOPCO LP
NMNM71016G	318230	POKER LAKE DELAWARE C	
NMNM02860	311111		

API Number	Well Name	Number	Status	Gas	Oil	Wtr	CO2	Rights of Way	Case Type
300153407800S1	POKER LAKE UNIT	207	POW	X	X	X			
300153296100S1	POKER LAKE UNIT	208	POW	X	X	X			
300153359300S1	POKER LAKE UNIT	210	POW	X	X	X			
300153385900S1	POKER LAKE UNIT	213	WDW			X			
300153386000S1	POKER LAKE UNIT	214	POW	X	X	X			
300153386100S1	POKER LAKE UNIT	216	POW	X	X	X			
300153386300S1	POKER LAKE UNIT	217	POW	X	X	X			
300153398900S1	POKER LAKE UNIT	218	POW	X	X	X			
300153386400S1	POKER LAKE UNIT	221	POW	X	X	X			
300153407200S1	POKER LAKE UNIT	231	POW	X	X	X			
300152343000S2	POKER LAKE UNIT	49	POW	X	X	X			

~ 71016X

Fac ID	Facility Name	Storage Type	Plant Name	Last Insp Dt	Diag Verif	Seal Review
213	PLU #213	Sales		04/27/2010		
H2S Info Dt	H2S	H2S Stv	H2S Radius		Survey	
09/25/2005	0	0	0			
			Rectangular Survey	NAD83		

St	County	Mer	Twp	Rge	Sec	Aliquot	Latitude	Longitude	Lot	Tract
NM	EDDY	NMP	24S	30E	18	SESE				

Location Description

Active? Yes

Qty	Equipment Type	Capacity	UOM	Equipment ID No	Facility Equipment Other Description
1	ELECTRONIC FLOW MTR		MCF	33130	PLU 213A
1	ELECTRONIC FLOW MTR		MCF	77043	3001533859
1	ELECTRONIC FLOW MTR		MCF	16332544	Sales Meter, ST. 57109
1	ORIFICE		MCF	202A89902	VRU gas meter
1	ORIFICE		MCF	202E385161	PLU 213 Test
2	HEATER TREATER				
1	OIL TANKS	500	BBLS	553391	
1	OIL TANKS	500	BBLS	553392	
1	OIL TANKS	500	BBLS	553394	
1	OIL TANKS	500	BBLS	553395	
1	OTHER				Vapor Recovery Unit (VRU)
4	SEPARATORS				
1	WATER TANKS	500	BBLS		