

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.**

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC068545
2. Name of Operator BOPCO, L.P.		6. If Indian, Allottee or Tribe Name
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
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) A; Sec. 7; 24S; 30E; 660' FNL & 660' FEL		8. Well Name and No. Poker Lake Unit #158
		9. API Well No. 30-015-31690
		10. Field and Pool or Exploratory Area NASH DRAW-DEL/BS/AVALON SAND
		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 <u>Flare Line &amp; Flare @ Battery</u>
	<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 #158 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

COA's attached  
Accepted for record - NMOC  
DJS 10-4-11

APPROVED

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Sandra J. Belt ext. 149		Title Sr. Regulatory Clerk	SEP 14 2011 /s/ JD Whitlock Jr
Signature <u>Sandra J. Belt</u>		Date 09/01/2011	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

**Attachment to Flare Request Sundry  
Poker Lake 158 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 158 Batt Sales  
COMPANY: BOPCO LP  
LEASE:  
PLANT:

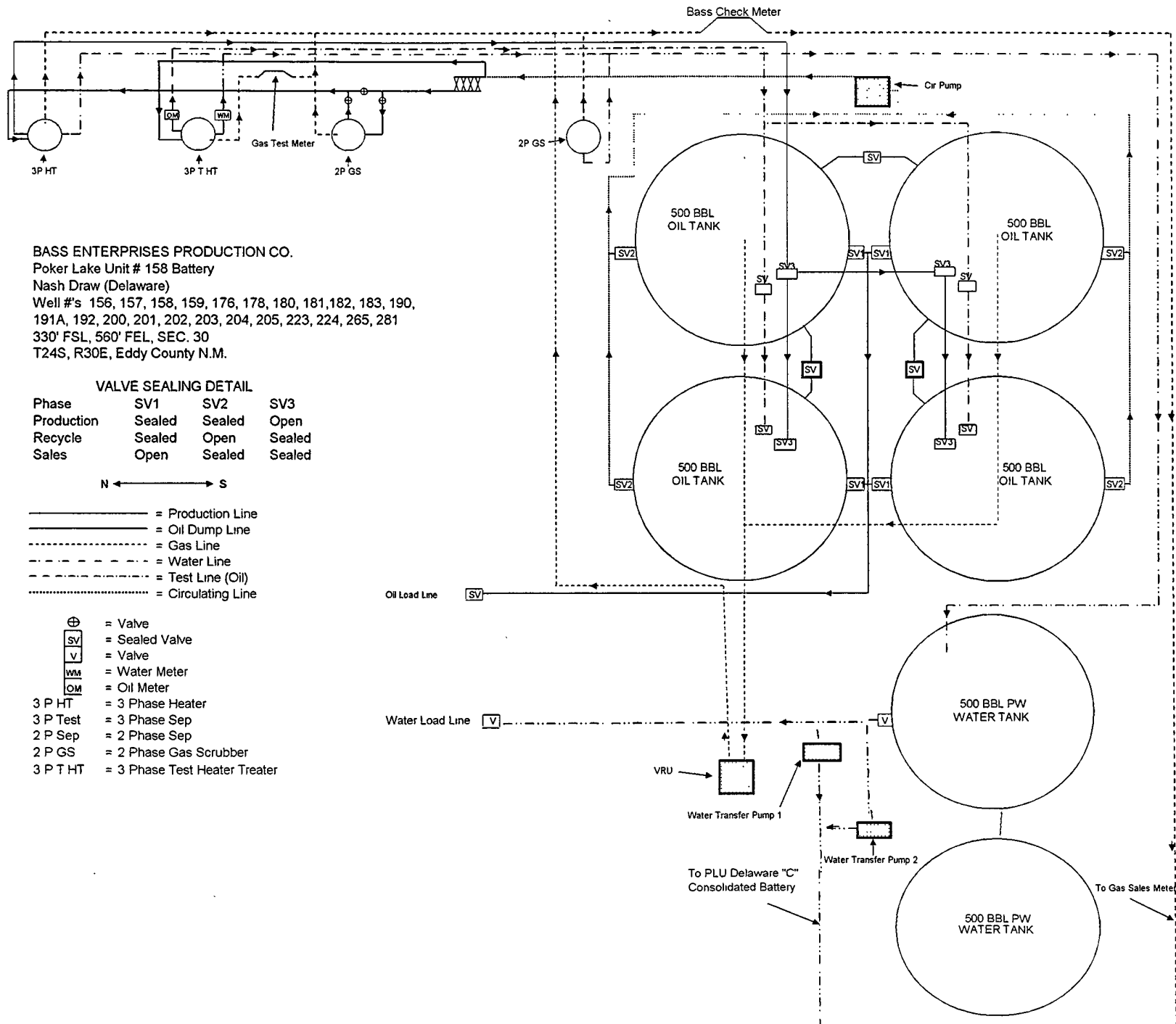
SAMPLE DATA: DATE SAMPLED: 6/2/11 9:00 am  
ANALYSIS DATE: 6/6/11  
PRESSURE - PSIG 69  
SAMPLE TEMP. °F 86  
ATMOS. TEMP. °F 80

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

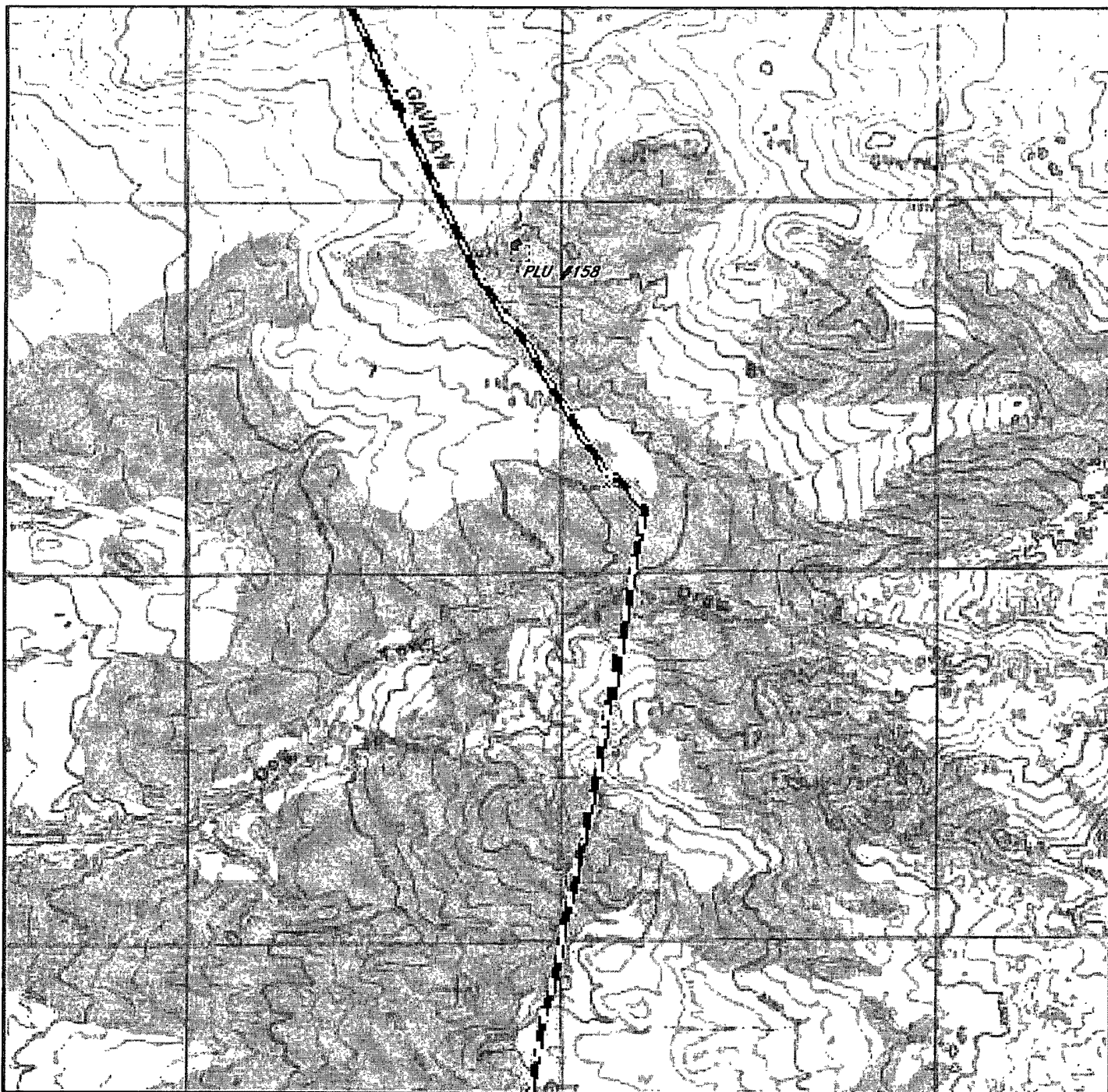
REMARKS:

## COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	3.701	
Carbon Dioxide (CO2)	2.896	
Methane (C1)	73.302	
Ethane (C2)	10.429	2.782
Propane (C3)	5.646	1.552
I-Butane (IC4)	0.665	0.217
N-Butane (NC4)	1.639	0.516
I-Pentane (IC5)	0.414	0.151
N-Pentane (NC5)	0.440	0.159
Hexane Plus (C6+)	0.868	0.377
	100.000	5.754
BTU/CU.FT. - DRY	1222	MOLECULAR WT. 22.3980
AT 14.650 DRY	1218	
AT 14.650 WET	1197	
AT 14.73 DRY	1225	
AT 14.73 WET	1204	
SPECIFIC GRAVITY - CALCULATED	0.776	
MEASURED		



Battery	Location	Analysis	Lease #	Lease Name & Well #	Lease Type
PLU 158	A 7 T24S T30E	Attached	1000360		
	P 6 T24S T30E			PLU 157	Federal
	A 7 T24S T30E			PLU 158	Federal
	O 6 T24S T30E			PLU 156	Federal
	B 7 T24S T30E			PLU 159	Federal
	G 7 T24S T30E			PLU 181	Federal
	F 7 T24S T30E			PLU 182	Federal
	M 5 T24S T30E			PLU 176	Federal
	J 7 T24S T30E			PLU 190	Federal
	P 7 T24S T30E			PLU 202	Federal
	O 7 T24S T30E			PLU 203	Federal
	A 18 T24S T30E			PLU 200	Federal
	H 7 T24S T30E			PLU 180	Federal
	B 18 T24S T30E			PLU 205	Federal
	D 8 T24S T30E			PLU 178	Federal
	M 8 T24S T30E			PLU 223	Federal
	L 8 T24S T30E			PLU 192Q	Federal
	D 17 T24S T30E			PLU 224	Federal
	N 7 T24S T30E			PLU 204	Federal
	H 12 T24S T29E			PLU 281	Federal
	I 7 T24S T30E			PLU 191	Federal
	K 7 T24S T30E			PLU 201	Federal
	C 7 T24S T30E			PLU 183Q	Federal
	M 6 T24S T30E			PLU 265H	Federal



*PROPOSED FLARE LINE TO THE PLU #158  
Section 7, Township 24 South, Range 30 East,  
N.M.P.M., Eddy County, New Mexico.*



P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

W.O. Number: KJG - 24801

Survey Date: 06-13-2011

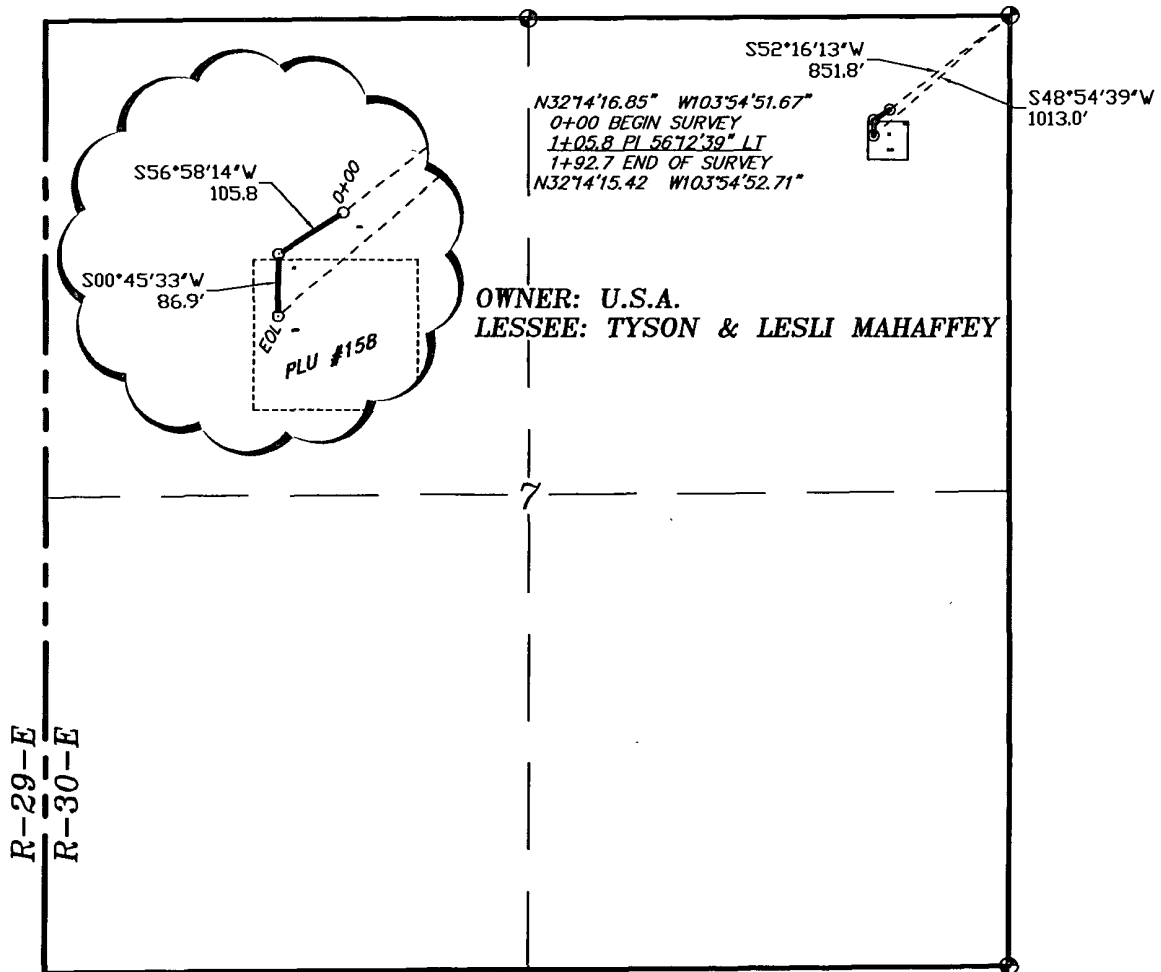
Scale: 1" = 2000'

Date: 07-05-2011



*BOPCO, L.P.*

SECTION 7, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 7, 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.

192.7 FEET = 0.04 MILES = 11.68 RODS = 0.13 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACCURATE 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: 24801

Drawn By: K. GOAD

Date: 07-05-2011

Disk: KJG - 24801PIPELINE.DWG

1000 0 1000 2000 FEET



**BOPCO, L.P.**

REF: PROPOSED FLARE LINE TO THE POKER LAKE UNIT #158

A PIPELINE CROSSING USA LAND IN  
SECTION 7, 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 #158 Battery  
NM71016G**

**BOPCO, L.P.**

September 9, 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 NMNM71016G Type 318230 Case Name POKER LAKE DELAWARE C

Operator BOPCO LP

API Number	Well Name	Number	Status	Gas	Oil	Wtr	CO2	Rights of Way	Case Type
300153168800S1	POKER LAKE UNIT	156	POW	X	X	X			
300153168900S1	POKER LAKE UNIT	157	POW	X	X	X			
300153169000S1	POKER LAKE UNIT	158	POW	X	X	X			
300153169100S1	POKER LAKE UNIT	159	POW	X	X	X			
300153204300S1	POKER LAKE UNIT	176	POW	X	X	X			
300153205200S1	POKER LAKE UNIT	178	POW	X	X	X			
300153212700S1	POKER LAKE UNIT	181	POW	X	X	X			
300153293400S1	POKER LAKE UNIT	202	POW	X	X	X			
300153288300S1	POKER LAKE UNIT	203	POW	X	X	X			
300153364200S1	POKER LAKE UNIT	223	POW	X	X	X			

Fac ID 158 Facility Name PLU # 158 Storage Type Sales Plant Name Last Insp Dt 04/21/2010 Diag Verif 09/27/2005 Seal Review

H2S Info Dt 09/27/2005 H2S 0 H2S Stv 0 H2S Radius 0 Rectangular Survey NAD83 Survey

St NM County EDDY Mer NMP Twp 23S Rge 30E Sec 6 Aliquot NENE Latitude Longitude Lot Tract

Location Description

Active? Yes

Qty	Equipment Type	Capacity	UOM	Equipment ID No	Facility Equipment Other Description
1	ELECTRONIC FLOW MTR		MCF	3001531690	BEPCO CHECK METER
1	ELECTRONIC FLOW MTR		MCF	718700-00	DUKE SALES METER
1	ORIFICE		MCF	ITT BARTON	DRY FLOW METER, Test
1	ORIFICE		MCF	202E316483	Dry Flow, VRU
3	HEATER TREATER				
1	OIL TANKS	500	BBLS	68760	
1	OIL TANKS	500	BBLS	68759	
1	OIL TANKS	500	BBLS	H-1628	
1	OIL TANKS	500	BBLS	H-1614	
1	OTHER				TRANSFER PUMP
1	OTHER				CIRCULATING PUMP
2	SEPARATORS				
1	WATER TANKS	500	BBLS		

15-Sep-2011 08:04

**NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 SOUTH FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283**

**CONDITIONS OF APPROVAL for FLARING or VENTING GAS**

**BOPCO, LP.  
Poker Lake Unit #158  
30-015-31690**

1. Venting gas is absolutely not allowed.
2. Prior to flaring gas, C-129 must be filed & approved. Blanket approval cannot be given for this operation.
3. Flared volumes of gas are to be metered & reported.
4. Flares should be monitored. Brush should be cut down to 1 or 2 inches around flare stack at least a radial distance of 2 times the height of the flare stack (3 times when facility is unmanned).
5. Flares to be monitored at all times during red-flag days.  
<http://www.gacc.nifc.gov/swcc> (go to "Predictive Services" on SWCC website) to check for red flag warnings.
6. Follow safe practices for flaring guidelines.

**DG**

**10/4/2011**