

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

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
Revised August 1999

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

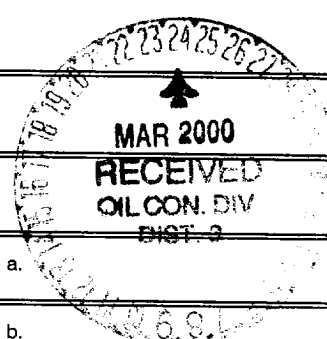
Burlington Resources Oil and Gas

Operator **Nye** Address **3A P-1-30N-11W San Juan**
Lease Well No. Unit Ltr. - Sec - Twp - Rge County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. **14538** Property Code **7366** API NO. **30-045-22696** Federal ☒ , State ☐ , (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde - 72319		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	4831-5104		6986-7093
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 170 psi (see attachment) b. (Original) 1101 psi (see attachment)	a. b.	a. 317 psi (see attachment) b. 1577 psi (see attachment)
6. Oil Gravity (EAPI) or Gas BTU Content	BTU 1167		BTU 1061
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	No		Yes
* If Shut-In, give date and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: Rates:



Note: For new zones with no production history, applicant shall be required to attach production

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Aztec Oil & Gas Company			Lease Nye		Well No. 3A
Unit Letter P	Section 1	Township 30N	Range 11W	County San Juan	
Actual Footage Location of Well: 800 feet from the South line and 800 feet from the East line Ground Level Elev. 6027 Producing Formation Mesaverde Pool Blanco Dedicated Acreage: 320 Acres					

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

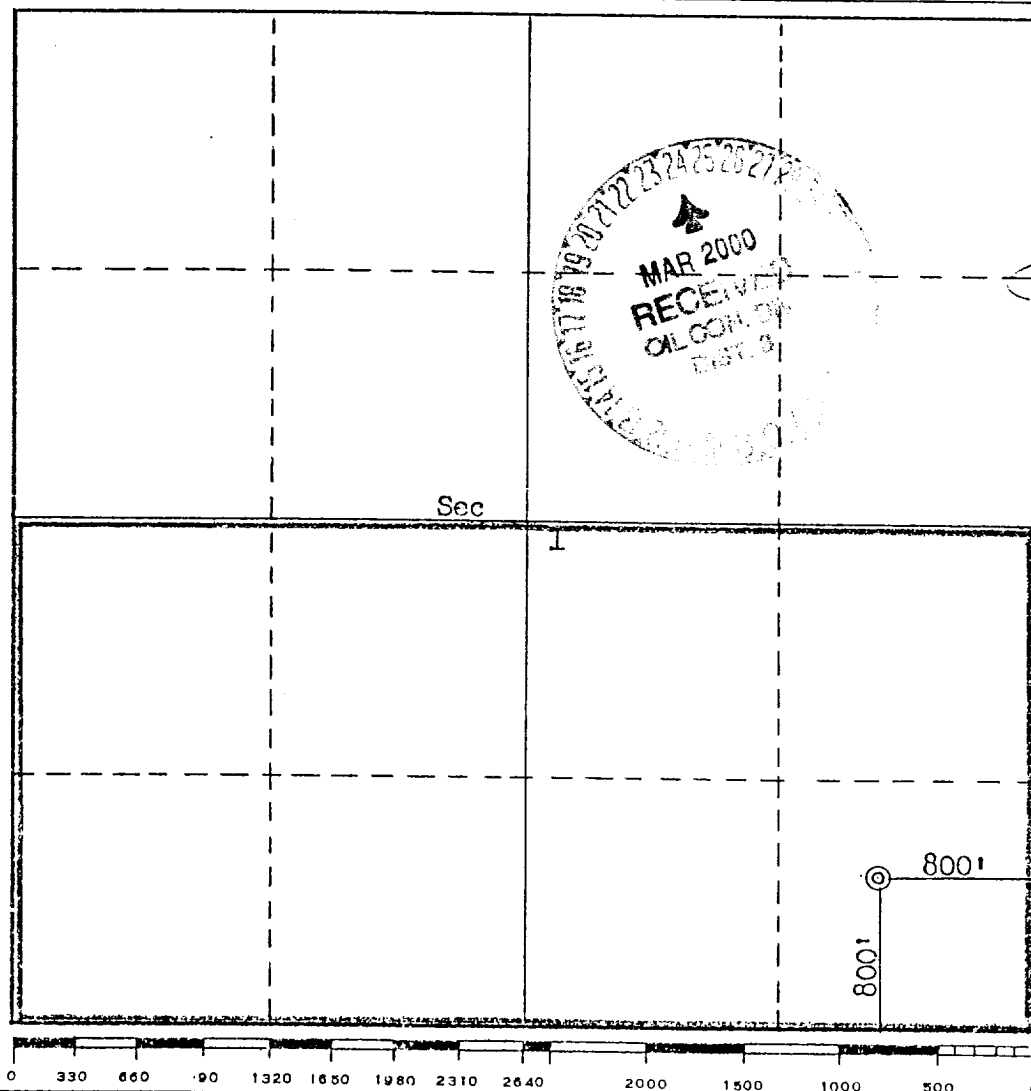
AUG 9 1977

U. S. GEOLOGICAL SURVEY

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

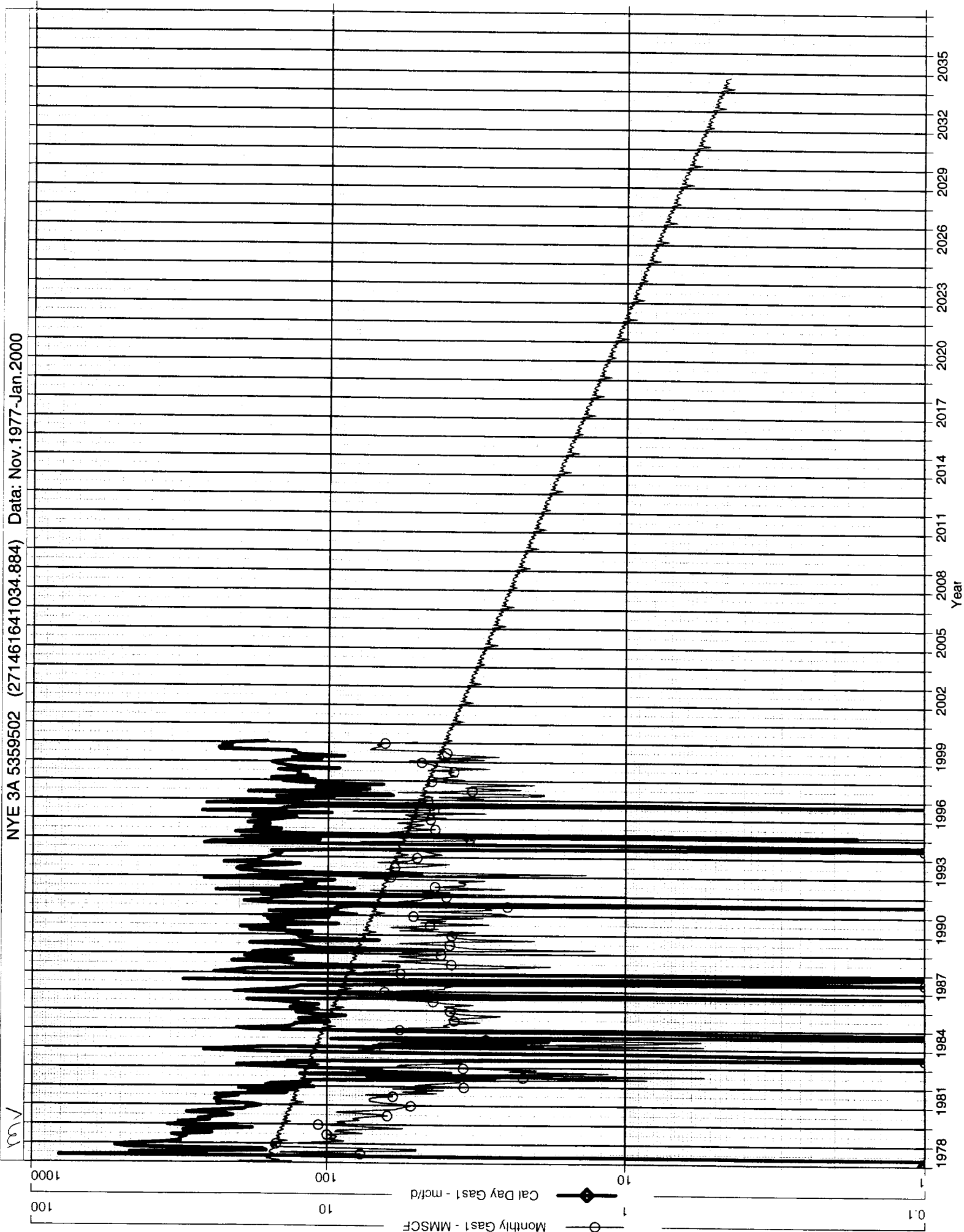
Name _____
 Position _____
 District Production Mgr.
 Company _____
 Aztec Oil & Gas Company
 Date _____
 August 8, 1977

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.

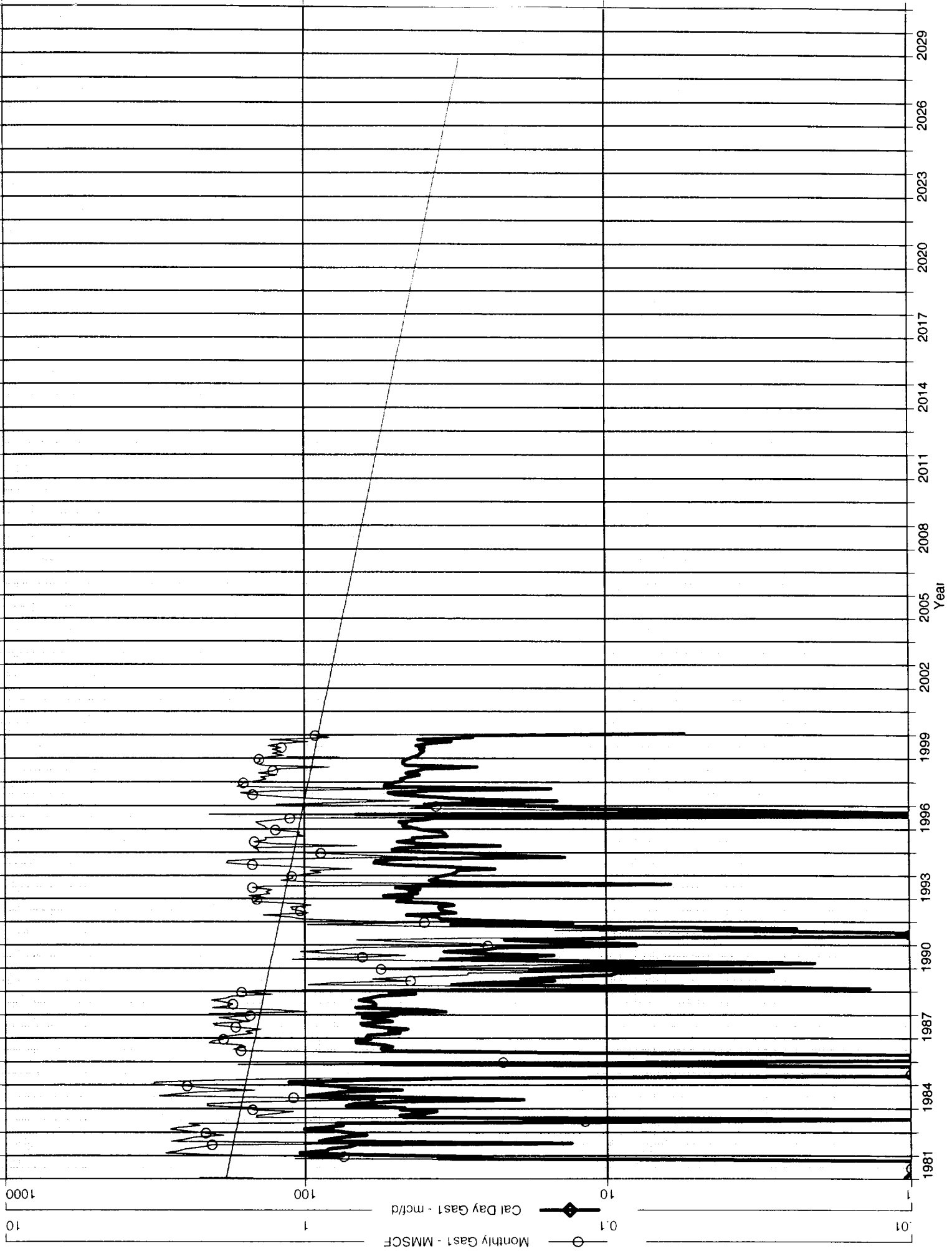
Date Surveyed _____
June 24, 1977
 Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
 Certificate No. _____
3950

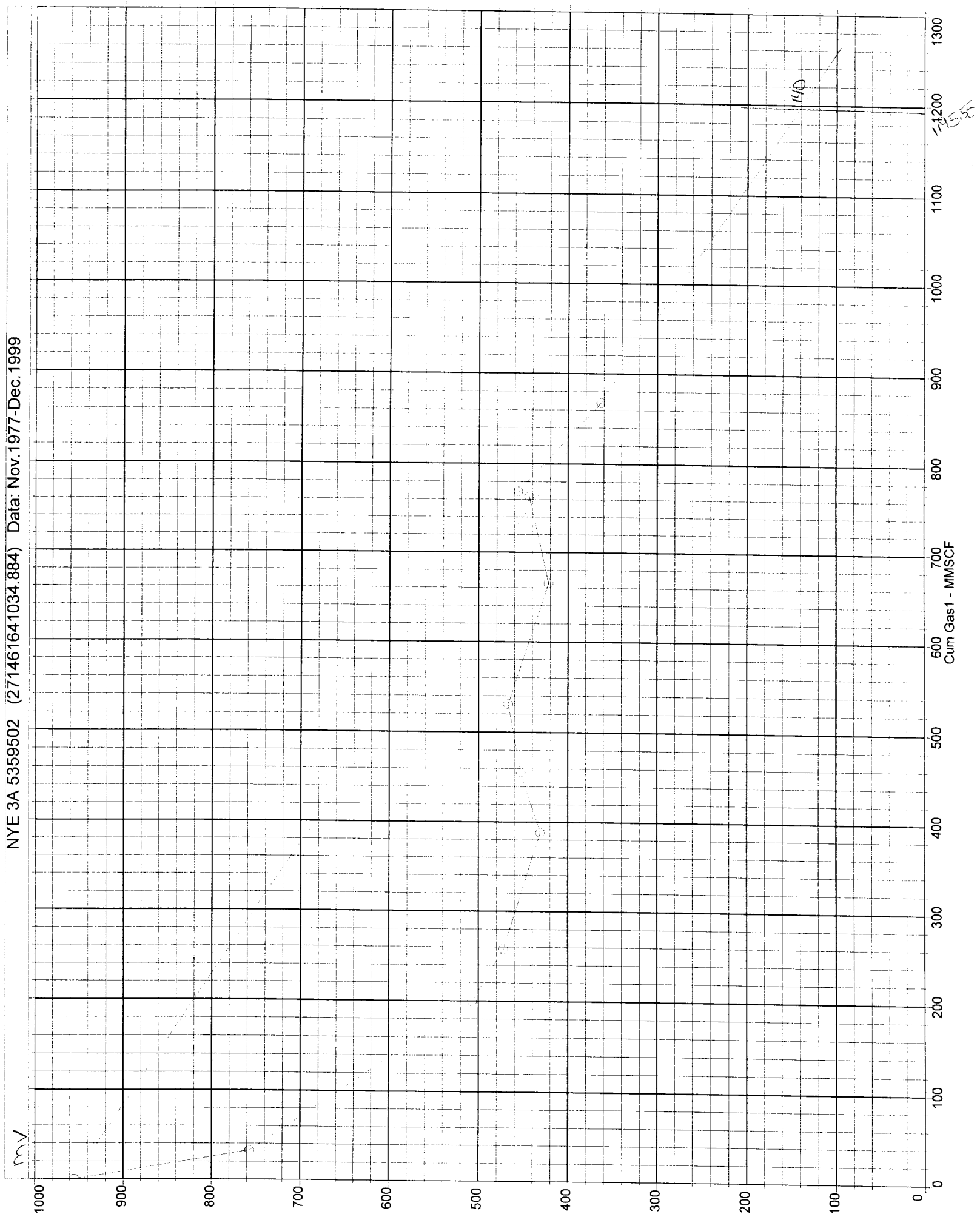
Nye #3A
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

Mesaverde		Dakota	
<u>MV-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	<u>0.671</u>	GAS GRAVITY	<u>0.6134</u>
COND. OR MISC. (C/M)	<u>M</u>	COND. OR MISC. (C/M)	<u>M</u>
%N2	<u>0.21</u>	%N2	<u>0.14</u>
%CO2	<u>1</u>	%CO2	<u>1.7</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>7</u>	DIAMETER (IN)	<u>2.375</u>
DEPTH (FT)	<u>4968</u>	DEPTH (FT)	<u>6990</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>150</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>187</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>152</u>	SURFACE PRESSURE (PSIA)	<u>275</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>170.3</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>317.3</u>
<u>MV-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	<u>0.671</u>	GAS GRAVITY	<u>0.6134</u>
COND. OR MISC. (C/M)	<u>M</u>	COND. OR MISC. (C/M)	<u>M</u>
%N2	<u>0.21</u>	%N2	<u>0.14</u>
%CO2	<u>1</u>	%CO2	<u>1.7</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>7</u>	DIAMETER (IN)	<u>2.375</u>
DEPTH (FT)	<u>4968</u>	DEPTH (FT)	<u>6990</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>150</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>187</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>967</u>	SURFACE PRESSURE (PSIA)	<u>1343</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>1101.0</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>1576.6</u>

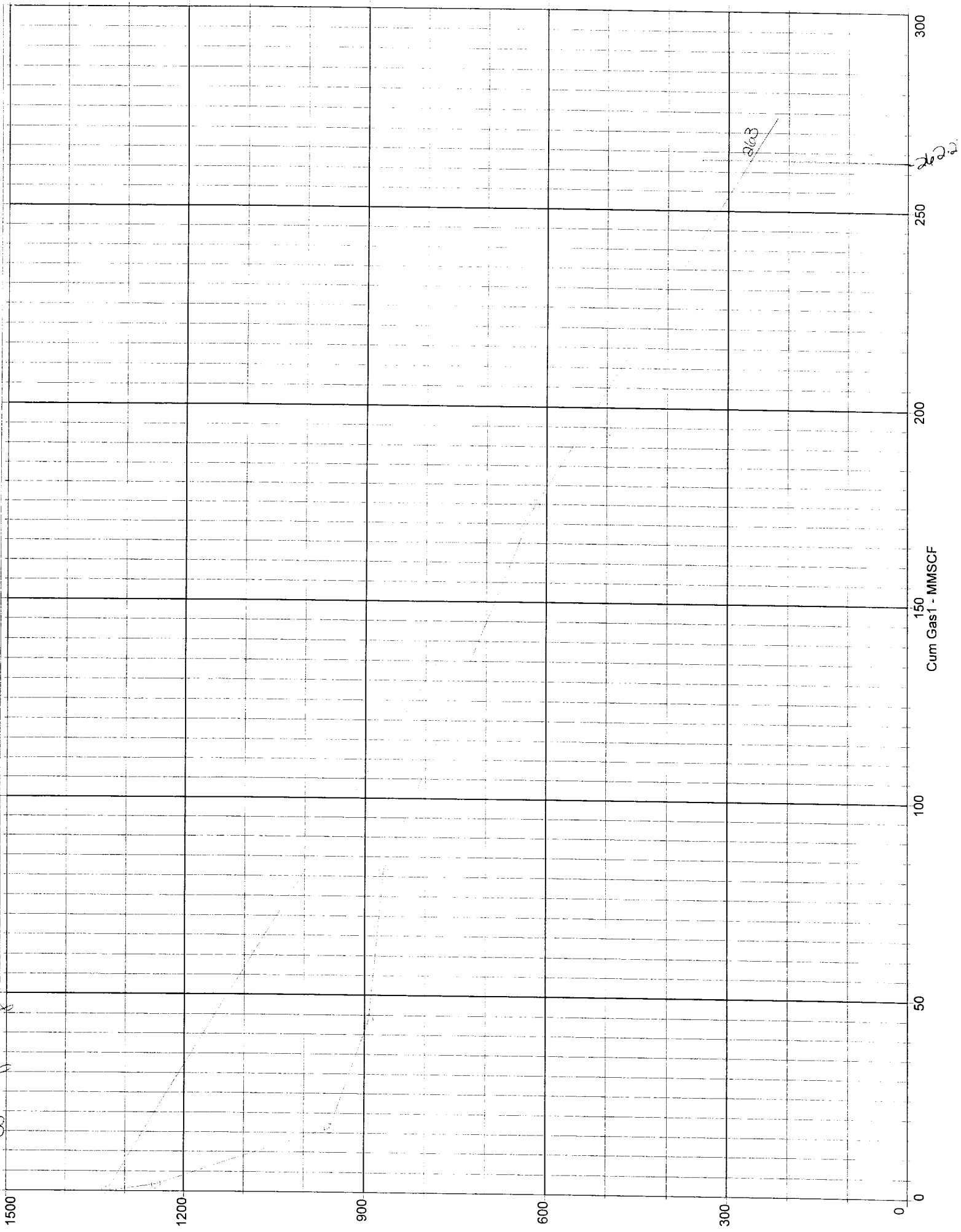


NYE 10E 5363001 (25563790444.339) Data: Jan. 1981-Jan.2000





DK 06300 for Nye.3A



DPNO	METERNA	WELLNAME	WELLNO	FRM	Cum MCF	Year	Month	Day	WH Psi		
5359501	34566	NYE	3A	DK		1981	8	26	1,331	original	
offset NYE 10E 5363001						1981	12	24	1,247		
						1982	6	24	958		
						1983	9	8	893		
						1985	12	4	869		
						1993	7	30	619		
					262	2000	3	1	263	current estimated from P/Z data	
5359502	34556	NYE	3A	MV		1977	11	22	955	original	
						1978	6	18	757		
						1979	11	25	507		
						1980	6	24	472		
						1982	6	24	431		
						1984	7	11	453		
						1986	6	11	467		
						1989	6	14	422		
						1991	8	14	444		
						1991	9	10	456		
						1993	7	30	363		
					1,196	2000	3	1	140	current estimated from P/Z data	

DPNO	METERNA	WELLNAME	WELLNO	FRM	DISP_MO	GRS_GAS_PROD	3monavg
5359501	34566	NYE	3A	DK	31-Jan-99	0	
5359501	34566	NYE	3A	DK	28-Feb-99	0	
5359501	34566	NYE	3A	DK	31-Mar-99	0	
5359501	34566	NYE	3A	DK	30-Apr-99	741.16	
5359501	34566	NYE	3A	DK	31-May-99	32.35	
5359501	34566	NYE	3A	DK	30-Jun-99	0	
5359501	34566	NYE	3A	DK	31-Jul-99	0	
5359501	34566	NYE	3A	DK	31-Aug-99	0	
5359501	34566	NYE	3A	DK	30-Sep-99	0	
5359501	34566	NYE	3A	DK	31-Oct-99	0	
5359501	34566	NYE	3A	DK	30-Nov-99	0	
5359501	34566	NYE	3A	DK	31-Dec-99	0	
5359501	34566	NYE	3A	DK	31-Jan-00	449.99	5
5359502	34556	NYE	3A	MV	31-Jan-99	4412.63	
5359502	34556	NYE	3A	MV	28-Feb-99	2963.65	
5359502	34556	NYE	3A	MV	31-Mar-99	4127.34	
5359502	34556	NYE	3A	MV	30-Apr-99	2651.89	
5359502	34556	NYE	3A	MV	31-May-99	3881.27	
5359502	34556	NYE	3A	MV	30-Jun-99	3961.66	
5359502	34556	NYE	3A	MV	31-Jul-99	4020.48	
5359502	34556	NYE	3A	MV	31-Aug-99	7221.38	
5359502	34556	NYE	3A	MV	30-Sep-99	7043.93	
5359502	34556	NYE	3A	MV	31-Oct-99	6611.59	
5359502	34556	NYE	3A	MV	30-Nov-99	6852.76	
5359502	34556	NYE	3A	MV	31-Dec-99	6425.32	
5359502	34556	NYE	3A	MV	31-Jan-00	5005.75	200