

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 2040 South Pacheco, Santa Fe, NM 87505



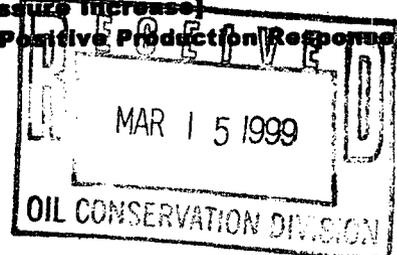
2259

ADMINISTRATIVE APPLICATION COVERSHEET

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

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [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 - Directional Drilling
 NSL NSP DD 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

[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] **INFORMATION / DATA SUBMITTED IS COMPLETE - Certification**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

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

Print or Type Name _____ Signature *[Signature]* Title _____ Date _____

fca

DISTRICT I

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

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

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 New 3-12-96

APPROVAL PROCESS :

Administrative Hearing

EXISTING WELLBORE

YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas PO Box 4289, Farmington, NM 87499

Operator Hill #1-A Address F-4-29N-08W San Juan
Lease Well No. Unit Ltr. - Sec - Twp - Rge County
Spacing Unit Lease Types: (check 1 or more)
OGRID NO. 14538 Property Code 7111 API NO. 30-045-21917 Federal X State Fee

Table with 4 columns: The following facts are submitted in support of downhole commingling, Upper Zone, Intermediate Zone, Lower Zone. Rows include Pool Name and Pool Code, Top and Bottom of Pay Section, Type of production, Method of Production, Bottomhole Pressure, Oil Gravity, Producing or Shut-In, Production Marginal?, and Fixed Percentage Allocation Formula.

- 9. If allocation formula is based upon something other than current or past production...
10. Are all working, overriding, and royalty interests identical in all commingled zones?
11. Will cross-flow occur?
12. Are all produced fluids from all commingled zones compatible with each other?
13. Will the value of production be decreased by commingling?
14. If this well is on, or communitized with, state or federal lands...
15. NMOCD Reference Cases for Rule 303(D) Exceptions:
16. ATTACHMENTS:

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

SIGNATURE Mary Ellen Lutey TITLE Production Engineer DATE 03-11-99

TYPE OR PRINT NAME Mary Ellen Lutey TELEPHONE NO. (505) 326-9700

NEW 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.

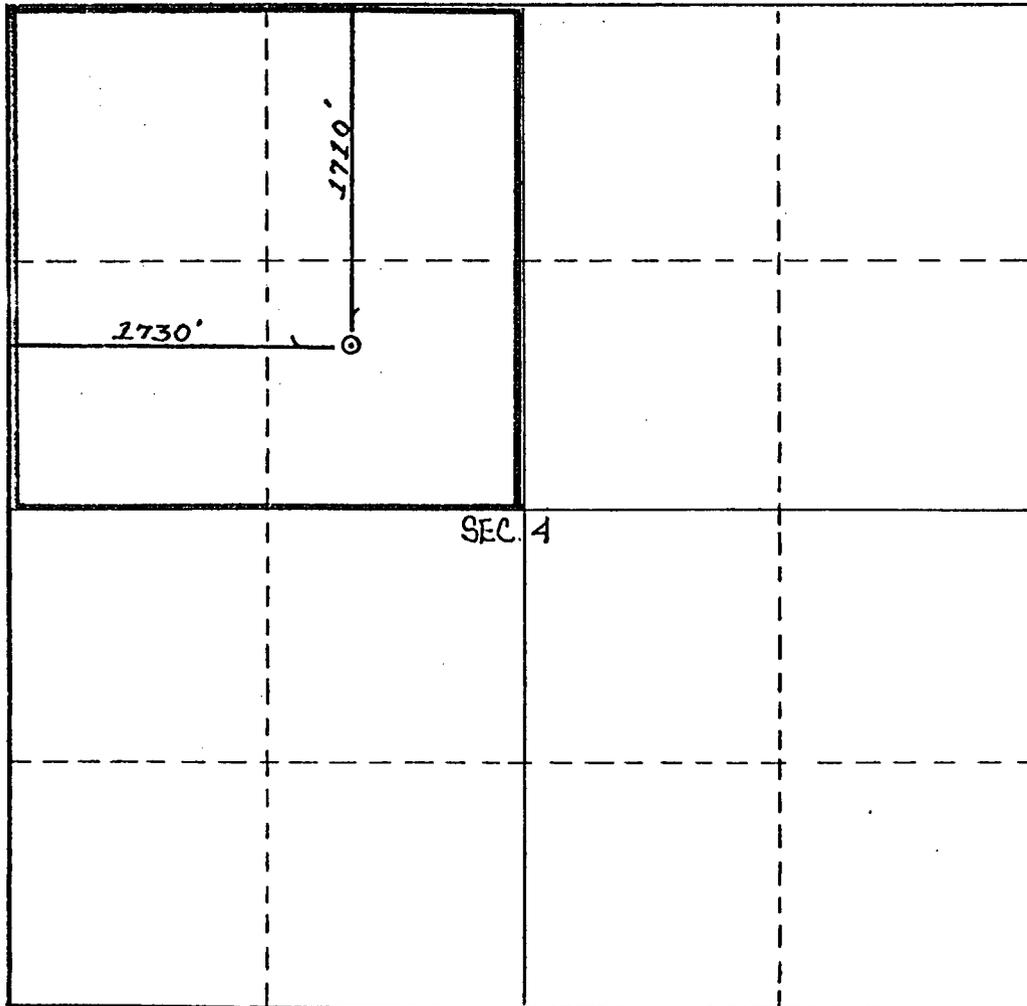
Operator SOUTHLAND ROYALTY COMPANY		Lease HILL			Well No. 1A
Unit Letter F	Section 4	Township 29N	Range 8W	County San Juan	
Actual Footage Location of Well: 1710 feet from the North line and 1730 feet from the West line					
Ground Level Elev:	Producing Formation Pictured Cliffs	Pool Blanco	Dedicated Acreage: 164.46 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?

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: *E. P. ...*

Position: **District Engineer**

Company: **Southland Royalty Company**

Date: **September 22, 1978**

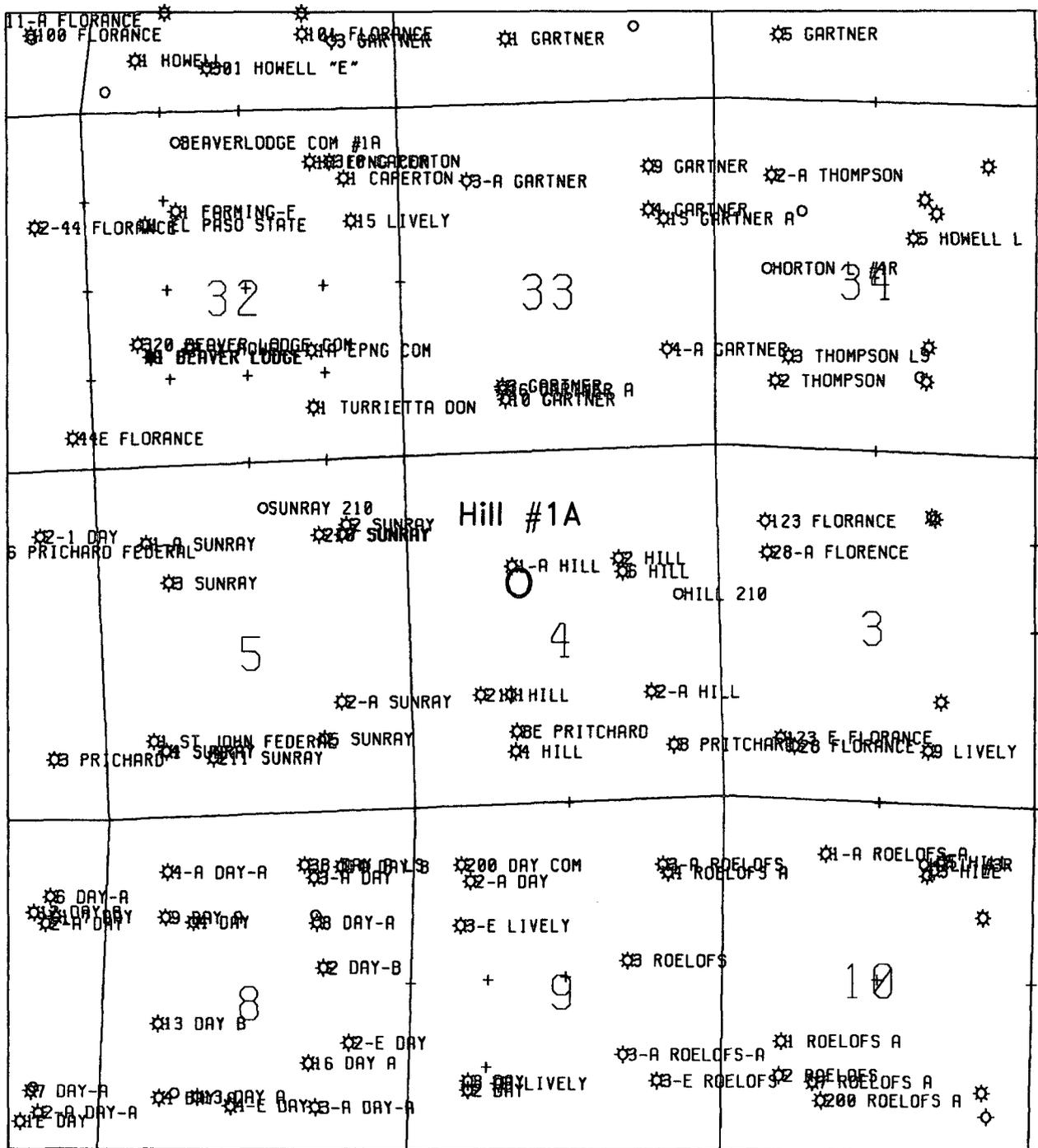
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____





Hill #1A

F Sec 4 T29N, R08W

MV / DK

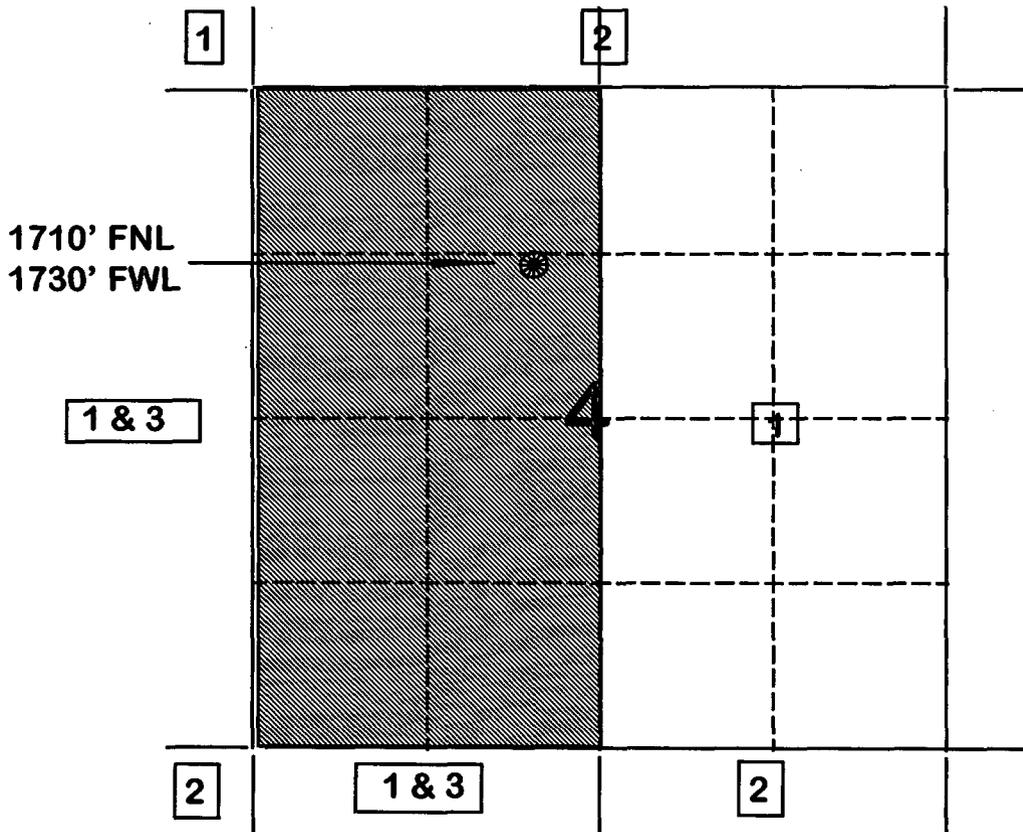
BURLINGTON RESOURCES OIL AND GAS COMPANY

Hill #1A

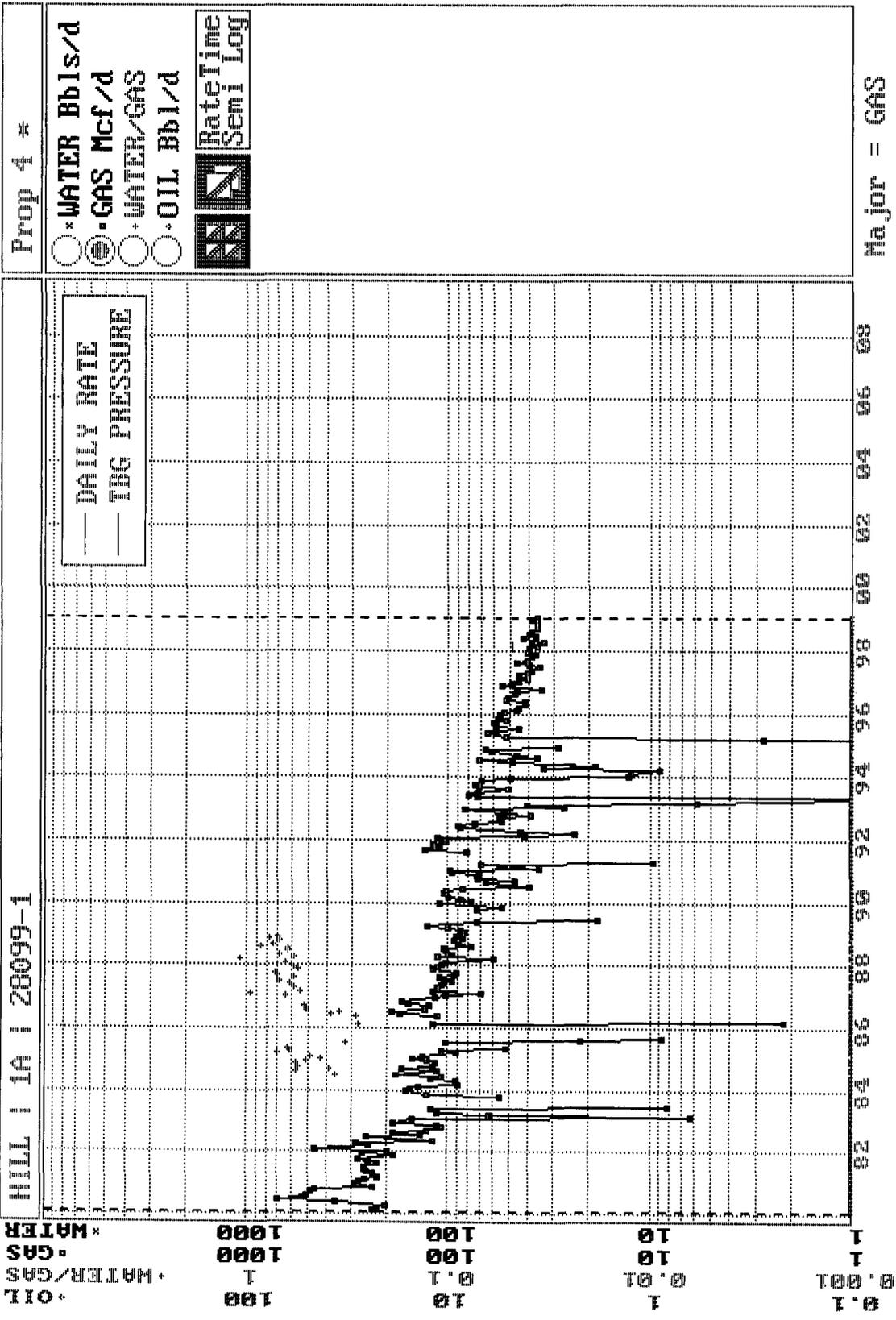
OFFSET OPERATOR \ OWNER PLAT

Mesaverde (W/2) / Pictured Cliffs (NW/4) Formations Commingle Well

Township 29 North, Range 8 West



- 1) Burlington Resources
- 2) Amoco Production Company
c/o Bruce Zimney
P.O. Box 800
Denver, CO 80201
- 3) Taurus Exploration USA, Inc.
2101 6th Avenue North
Birmingham, Alabama 35203



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

Mesaverde	Pictured Cliffs																																																
<u>MV-Current</u>	<u>PC-Current</u>																																																
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.667</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.25</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">1.02</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">1.5</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">5096</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">114</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">224</td></tr> <tr><td>BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border: 1px solid black;">252.9</td></tr> </table>	GAS GRAVITY	0.667	COND. OR MISC. (C/M)	M	%N2	0.25	%CO2	1.02	%H2S	0	DIAMETER (IN)	1.5	DEPTH (FT)	5096	SURFACE TEMPERATURE (DEG F)	60	BOTTOMHOLE TEMPERATURE (DEG F)	114	FLOWRATE (MCFPD)	0	SURFACE PRESSURE (PSIA)	224	BOTTOMHOLE PRESSURE (PSIA)	252.9	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.64</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.17</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">1.02</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">7</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">3150</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">94</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">212</td></tr> <tr><td>BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border: 1px solid black;">228.1</td></tr> </table>	GAS GRAVITY	0.64	COND. OR MISC. (C/M)	M	%N2	0.17	%CO2	1.02	%H2S	0	DIAMETER (IN)	7	DEPTH (FT)	3150	SURFACE TEMPERATURE (DEG F)	60	BOTTOMHOLE TEMPERATURE (DEG F)	94	FLOWRATE (MCFPD)	0	SURFACE PRESSURE (PSIA)	212	BOTTOMHOLE PRESSURE (PSIA)	228.1
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Page No.: 4

Print Time: Tue Feb 09 08:26:03 1999

Property ID: 4

Property Name: HILL | 1A | 28099-1

Table Name: S:\KGRAHAM\1999COMM\TEST.DBF

<u>--DATE--</u>	<u>--CUM OIL-</u> Bbl	<u>---CUM GAS--</u> Mcf	<u>M SIWHP</u> Psi
01/01/80		0	885.0 original
04/07/81		160061	607.0
05/01/82		260338	517.0
04/17/84		333518	550.0
03/01/99		687482	200 current estimated from P/z data

Page No.: 1
Print Time: Thu Mar 11 07:52:36 1999
Property ID: 13
Property Name: HILL | 1A | 28100-1
Table Name: S:\KGRAHAM\1999COMM\TEST.DBF

--DATE-- ---CUM_GAS-- M SIWHP
 Mcf Psi

11/29/75	0	810.0	original
05/16/77	216274	440.0	
05/24/78	326483	435.0	
03/24/79	373289	467.0	
06/23/80	478982	452.0	
06/02/82	603184	359.0	
08/02/84	666430	371.0	
04/01/87	755041	455.0	
06/27/89	815392	360.0	
04/15/91	846521	322.0	
05/01/91	856647	334.0	
03/01/99	857631	212	current estimated from P/Z data

Hill #1A

Karen Kimple Nobrega
1506 W 32nd St.
Austin, TX 787031410

Rosalee F Kimple Ind Adm
Estate of Louis T Kimple
3131 Maple Ave #14F
Dallas, TX 75201

Frances H Rosi & Peter E Debogory
Successor Co-Trustees
Eugene Debogory Estate
907 Bambi Dr.
Destin, FL 325411801

Billie-Dalenebro Williams
6556 Rosebay Street
Long Beach, CA 90808

David G Newbro
2016 Vista Cajon
Newport Beach, CA 92660

William Hall Newbro Jr.
534 E Cornell Dr.
Burbank, CA 91504

~~Minerals Management Service
Royalty Management Program
PO Box 5810
Denver, CO 802175810~~

Robert W Ulmer
2157 Shady Grove Dr.
Bedford, TX 76021

Barbara Bernstein
1 E Schiller St Apt. 3-D
Chicago, IL 60610

Theresa B Atlass, Trustee
T. B. Atlass LIV TRST 03-07275
Northern Trust Co.-Sundry
Asset Desk Security #6-069433
PO Box 92980
Chicago, IL 606752303

Betty Ann Moore, Admin.
Louis Trost Kimple Estate
1025 NW Grand Ave.
Phoenix, AZ 85007

First Presbyterian Church
200 E Boutz Road
Las Cruces, NM 88005

Charles H. Bradshaw
John C. Bradshaw AIF
Rev. Living Trust Dtd 7-15-71
PO Box 1938
Simpsonville, SC 296811938

Suzanne Martha Newbro
PO Box 1355
Post Falls, ID 83854

Franklin Newbro
Section F
Veterans Home of California
PO Box 1200
Yountville, CA 945991297

Gaynor Newbro Wilson
2115 S. Benson
Ontario, CA 91762

Pricilla Ann Milburn
PO Box 141
Midland, TX 79702

W. B. Ulmer Jr.
212 Lucy Ln.
Wylie, TX 75098

Perry M. Berke
C/O Baskin Server Berke & Weinstein
20 N. Wacker Dr. #1900
Chicago, IL 60606

Marathon Oil Company
Dept. 0882
PO box 120001
Dallas, TX 753102882

Jean B. Miller & Aline G. Miller
Family Trust
1915 Holiday
Neport Beach, CA 92660

Sue Stickle Wells Executrix
Estate of Vera B. Sickel Decd.
C/O 1st Natl BK&TR CO of Tulsa
PO Box 1
Tulsa, OK 74193

Clinton C. Carney Jr., Trustee
Clinton C. Carney Trust
3210 Forest Glen
Spring, TX 77380

Patricia C. Gorden, Trustee
Revocable Trst. Of Patricia C. Gorden
Dated May 3 1989
C/O First Natl Bk-Florida Keys
12640 Overseas Hwy
Marathon, FL 33050

Rita Sheehan
PO Box 159
Mattawan, MI 49071

APCO MINERALS LTD.
PO Box 459
Corpus Christi, TX 78403

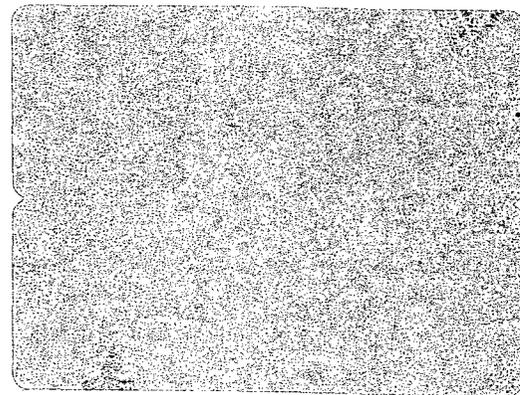
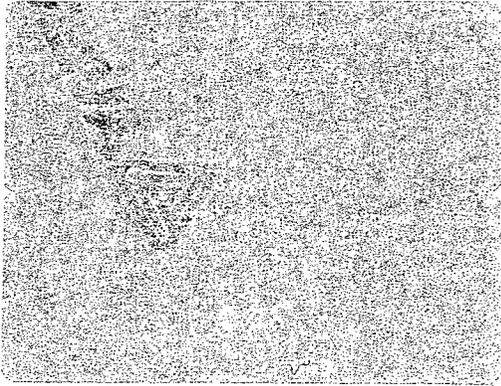
Mozelle C. Hill
6208 Waterford Blvd. #109
Oklahoma City, OK 73118

Nations Bank NA Trste
Eula May Johnston Tr. 661
Trust Oil & Gas Section
PO Drawer 840738
Dallas, TX 752840738

~~Minerals Management Service
Royalty Management Program
PO Box 5810
Denver, CO 802175810~~

Mrs. Veva Jean Gibbard
PO Box 436
Sulphur, OK 73086

Hill #1A



Cross Timbers Oil Company
PO Box 840287
Dallas, TX 752840287

Richard H Godfrey
Revocable Trust DTD 1-1-82
Box 18661
Oklahoma City, OK 73154

APCO MINERALS LTD.
PO Box 459
Corpus Christi, TX 78403

Mozelle C. Hill
6208 Waterford Blvd. #109
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Hill IA

