

COUNTY LEA FIELD Bilbrey STATE NM
 OPR GETTY OIL CO. API 30-025-27472
 NO 1 LEASE Bilbrey Federal Com. MAP
 Sec 4, T22S, R32E CO-ORD
 660 FNL, 1980 FWL of Sec 3-4-67 NM
 9 mi SE/Halfway SPD 8-2-81 CMP 1-20-82

CSC

13 3/8-533-500 sx
 9 5/8-4850-3250 sx
 7-12,961-2450 sx
 4 1/2-inr-12,620-15,100-400 sx
 2 3/8-14,233

WELL CLASS: INIT D FINDG LSE. CODE			
FORMATION	DATUM	FORMATION	DATUM
TD 15,105 (BRNT)		PBD 15,056	

IP (Morrow) Perfs 14,527-606 F 490 MCFGPD. Pot based on 24
 hr test thru 18/64 chk. GOR Dry; gty (Gas) (NR); CP Pkr;
 TP 350

CONTR Sharp #36 OPRSELEV 3792 GL sub-s

3-27-82 F.R. 7-6-81
 PD 15,050 RT (Morrow)
 AMEND LEASE NAME: Formerly reported as Bilbrey
 "4" Federal Com.
 8-3-81 Drlg 275
 8-10-81 Drlg 3020
 8-17-81 Drlg 3930
 8-25-81 Drlg 5400
 8-31-81 Drlg 8566
 9-8-81 Drlg 11,362
 9-15-81 TD 12,961; fsg
 9-21-81 Drlg 13,147
 9-29-81 Drlg 13,643
 10-5-81 Drlg 13,952
 10-12-81 Drlg 14,294
 10-19-81 Coring @ 14,500

3-4-67 NM

LEA
GETTY OIL CO.

Bilbrey
1 Bilbrey Federal Com.
Sec 4, T22S, R32E

NM
Page #2

10-27-81 TD 14,717; fsg
Cored (Morrow) 14,460-506, rec 37 FT sh & 1m
Cored (Morrow) 14,506-510, rec 2 FT 1m
Cored (Morrow) 14,510-516, rec 5 FT 1my sh
11-2-81 Drlg 14,886
11-9-81 TD 15,105; Circ
11-16-81 TD 15,105; Tstg
11-30-81 TD 15,105; Fsg
12-8-81 TD 15,105; PBD 14,940; Prep Re-Perf
Perf (Morrow) 14,877-890 w/1 SPF
Att. Acid (14,877-890) 1700 gals + 15,000
SCF N2
Formation would not break

3-4-67 NM

12-14-81 TD 15,105; PBD 14,940; Swbg
Perf (Morrow) 14,877-890 w/1 SPF
Acid (14,877-890) 4000 gals
Swbd dry w/NS (14,877-890)
12-28-81 TD 15,105; PBD 14,745 NU Tree
Ret @ 14,745
Sqzd (14,877-890) 125 sx
1-5-82 TD 15,105; PBD 15,015; Swbg
DOC to 15,015
Perf (Morrow) 14,921½-934 w/1 SPF
1-12-82 TD 15,105; PBD 15,015; Tstg Morrow
Acid (14,921½-934) 1800 gals + 69,000 SCF N2
Swbd dry w/NS (14,921½-934)
Perf (Morrow) 14,689-690, 14,699-702,

3-4-67 NM

LEA
GETTY OIL CO.

Bilbrey
1 Bilbrey Federal Com.
Sec 4, T22S, R32E

NM
Page #3

1-12-82 Continued
14,706-708 w/2 SPF & 14,744-756 w/1 SPF
1-18-82 TD 15,105; PBD 15,056; Tstg "Tight"
Ret @ 14,640
Sqzd (14,689-934) 125 sx
DOC to 15,056
Perf (Morrow) 14,527-536, 14,547-555, 14,565-
570, 14,599-606 w/1 SPF
Acid (14,527-606) 400 gals + 84,750 SCF N2
1-22-82 TD 15,105; PBD 15,056; SI
2-1-82 TD 15,105; PBD 15,056; WOSP
Flwd 49C MCFGPD in 24 hrs thru 18/64 chk, TP
350 (14,527-606) 3-4-67 NM

3-22-82 TD 15,105; PBD 15,056; Complete
LOG TOPS: Lamar 4820, Bell Canyon 4902, Cherry
Canyon 6014, Bone Spring 8804, Wolfcamp 11,634,
Strawn 13,271, Atoka 13,412, Morrow 14,053,
Morrow Clastics 14,411, Barnett 14,985
LOG RUN: CORL
3-27-82 COMPLETION ISSUED

3-4-67 NM
IC 30-025-70332-81

COUNTY **LEA** FIELD **Wildcat** STATE **NM**
 OPR **GETTY OIL** API **30-025-27472**
 NO **1** LEASE **Bilbrey Federal Com.** MAP
Sec 4, T22S, R32E CO-ORD
660 FNL, 1980 FWL of Sec **5-1-16 NM**
9 mi SE/Halfway Re-SPD **3-28-85** Re CMP **4-1-85**

CSC

13 3/8-533-500 sx
 9 5/8-4850-3250 sx
 7 -12,961-2450 sx
 4 1/2-1nt-12,620-15,100-400 SX

WELL CLASS: INITDX		FIN WPD LSE CODE	
FORMATION	DATUM	FORMATION	DATUM
TD 15,105 (BRNT)		PBD	14,200

IP (Atoka) Perfs 13,638-13,726 F 1244 MCFGPD + 11 BOPD. Pot
 based on 24 hr test thru (NR) chk. GOR 113,091; gty (Gas)
 (NR); (Cond) 52.5; CP Pkr; TP 6000

CONTR OPRS ELEV 3792 GR SUBS

4-29-85 F.R.C. 5-4-85 OWWC
 PD 14,200 WO
 (Orig. Cmp. 1-20-82 thru (Morrow) Perfs
 14,527-14,606, OTD 15,105, OPB 15,056)
 TD 15,105; PBD 14,200; Complete
 PB to 14,200
 Perf (Atoka) 13,638-13,660, 13,714-13,726
 w/1 SPF
 Natural
 Atoka Discovery; No suggested field name
 5-4-85 COMPLETION ISSUED

5-1-16 NM
 IC 30-025-70209-85

COUNTY LEE *Unnamed DATE 5M
 OPR *TEXACO PROD API 30-025-27472
 NO 1 LEASE Bilbrey Federal Com. MAP
 Sec 4, T22S, R32E 5-1-16 NM
 660 FNL, 1980 FWL of Sec ResPD 3-28-85 ReCMP 4-1-85
 9 mi SE/Halfway

CSC

13 3/8-533-500 SX
 9 5/8-4850-3250 SX
 7-12,961-2450 SX
 4 1/2-Inr-12,620-15,100-400 SX

WELL CLASS: INIT DX FINWPD LSE CODE			
FORMATION	DATUM	FORMATION	DATUM
TD 15,105 (BRNT)	PBD	14,200	

*IP (Atoka) Perfs 13,638-13,726 CAOF 881 MCFGPD. GOR
 56,639; Gty (Gas) .689; SIWHP 6220; SIBHP 6233

*P.L.C.: Transwestern

OPRSTEV 3752 GR

SUBS

CONTR

4-29-85 F.R.C. 5-4-85 OWWO
 PD 14,200 WO
 (Orig. Cmp. 1-20-82 thru (Morrow) Perfs
 14,527-14,606, OTD 15,105, OPB 15,056)
 TD 15,105; PBD 14,200; Complete
 PB to 14,200
 Perf (Atoka) 13,638-13,660, 13,714-13,726
 w/1 SPF
 Natural
 *Atoka Discovery in an Unnamed Field
 *(Atoka) FOUR POINT GAUGES:
 Flwd 308 MCFGPD, 2/64 chk, 60 mins, TP 5805
 Flwd 448 MCFGPD, 3/64 chk, 60 mins, TP 5380
 Flwd 586 MCFGPD, 5/64 chk, 60 mins, TP 4640
 Flwd 697 MCFGPD, 7/64 chk, 60 mins, TP 3780
 *BHT 208 deg @ 13,395
 *Denotes changes & additions
 5-4-85 COMPLETION ISSUED
 10-5-85 RE-ISSUED COMPLETION: Formerly Wildcat &
 Getty Oil 5-1-16 NM
 IC 30-025-70209-85

O+6 - NMOCD, P.O. Box 1980 1 - Engr.DBW
Hobbs, NM 88240 1 - ForemanCRM 1 - File

(Stat

1 - Midland Admin Unit- Mr. J. A.

1-H.O. Woods-Midland NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-10
Revised
Effective 1-

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

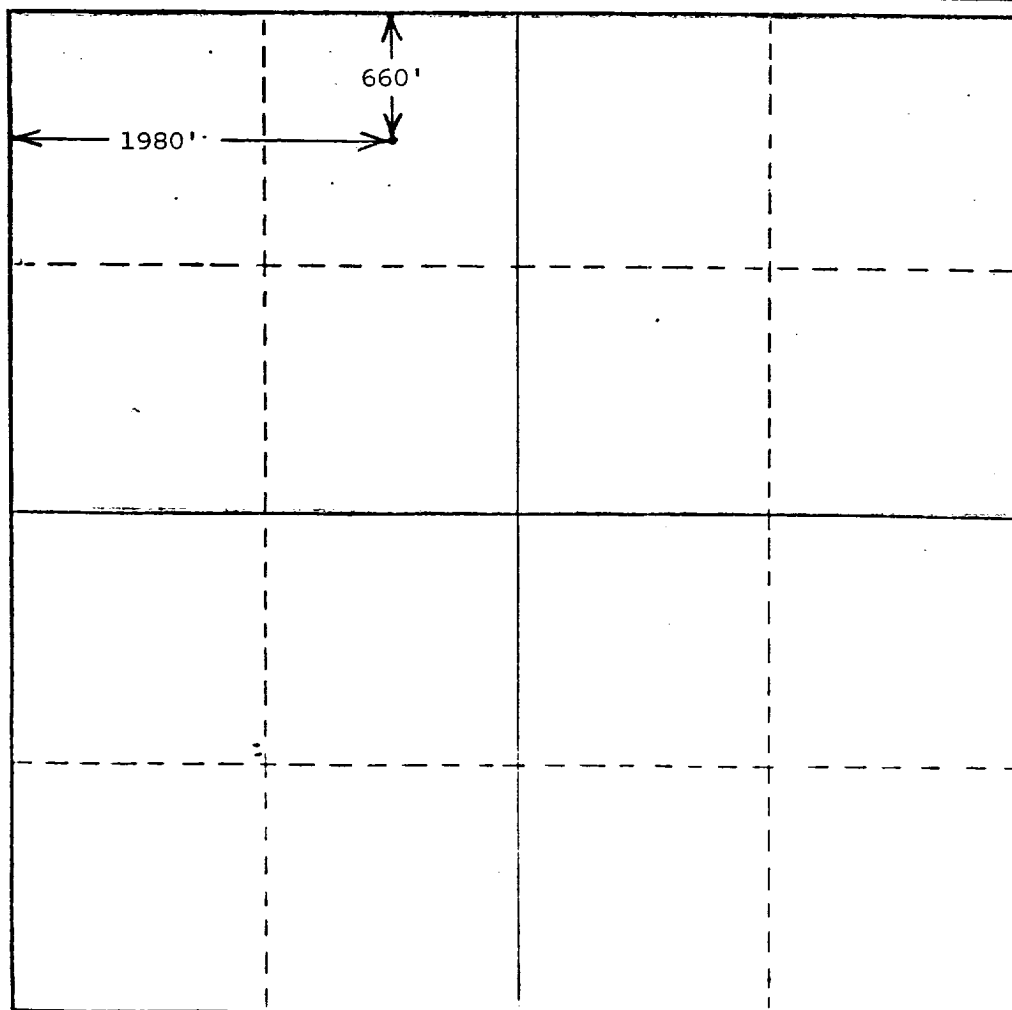
Operator Getty Oil Company		Lease Bilbrey Fed Com		Well No. 1
Unit Letter C	Section 4	Township 22S	Range 32E	County Lea
Actual Footage Location of Well: 1980 feet from the west line and 660 feet from the north line				
Ground Level Elev. 3791.9	Producing Formation Atoka	Pool Undesignated	Dedicated Acreage: 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?

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

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.

Dale R. Crockett
Name

Dale R. Crockett

Position

Area Superintendent

Company

Getty Oil Company

Date

September 19, 1984

I hereby certify that the well shown on this plat was plotted notes of actual surveys made under my supervision, and it is true and correct to the knowledge and belief.

I, the Surveyor

Surveyor's Commission No. _____
Date of License _____

Signature No.

54

RECEIVED
SEP 28 1984
HOLLYWOOD OFFICE

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

GETTY OIL COMPANY

BILLBREY FEDERAL COMM. NO. 1
BILLBREY FIELD
LEA COUNTY, NEW MEXICO

PRELIMINARY PRINT

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions **excepted**); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

LUFTY OIL COMPANY
 BILBERRY FEDERAL COMM. NO. 1
 BILBERRY FIELD
 LEA COUNTY, NEW MEXICO

DATE : 10-17-81
 FORMATION : MORROW
 DRG. FLUID : OIL BASE MUD
 LOCATION : 1980' FWL & 660' FNL, SEC. 4, T-22-S, R-32-E

FILE NO : 3202-12602
 ANALYSTS : REINHHEIMER
 LABORATORY: MIDLAND TEXAS

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	HE POR	GRAIN DEN	DESCRIPTION
CORE NO. 1 14460.0-14506.0 CUT 45' REC 37'					
1	14460.0-63.0				NA SH
2	14463.0-64.0				NA LM SHY
3	14464.0-74.0				NA SH
4	14474.0-75.0				NA LM SHY
5	14475.0-76.0				NA SH
6	14476.0-83.0				NA LM SHY
7	14483.0-90.0				NA SH LMY
8	14490.0-91.0	<0.01	0.6	2.76	SD CG SL/LMY
9	14491.0-92.0	<0.01	0.9	2.74	SD CG SL/LMY
10	14492.0-93.0	2.3	4.4	2.76	SD CG SL/LMY VF
11	14493.0-94.0	0.20	6.2	2.68	SD CG SL/LMY
12	14494.0-95.0	<0.01	2.5	2.68	SD CG SL/LMY
13	14495.0-96.0	0.07	3.8	2.69	SD CG SL/LMY
14	14496.0-97.0				NA SH LMY
15	14497.0- 6.0				LOST CORE
CORE NO. 2 14506.0-14510.0 CUT 4' REC 2'					
16	14506.0- 7.0	<0.01	1.0	2.74	LM SL/SDY
17	14507.0- 8.0	<0.01	1.6	2.71	LM SL/SDY CG
18	14508.0-10.0				LOST CORE
CORE NO. 3 14510.0-14516.0 CUT 6' REC 5'					

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

JOEY OIL COMPANY
GALLAREY FEDERAL COMM. NO. 1
DATE : 10-19-81
FORMATION : MORROW
FILE NO : 3202-12602
ANALYSTS : REINHEIMER

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	HE POR	GRAIN DEN	DESCRIPTION
14510.0-15.0					NA SH SL/LMY
14515.0-16.0					LOST CORE

LITHOLOGICAL ABBREVIATIONS

ANH(Y)	ANHYDRITE, ANHYDRITIC	LM(Y)	LIMESTONE, LIMY
ARK	ARKOSE, ARKOSIC	MG	MEDIUM GRAINED
BAN	BAND, BANDED	MTX	MATRIX
BREC	BRECCIA, BRECCIATED	NA	INTERVAL NOT ANALYZED (AT REQUEST OF CLIENT)
CALC	CALCITE, CALCAREOUS	NOD	NODULE, NODULAR
CARB	CARBONACEOUS	OOL	OOLITIC
CG	COARSE GRAINED	PISO	PISOLITIC
CHK(Y)	CHALK, CHALKY	PP	PINPOINT POROSITY
CHT(Y)	CHERT, CHERTY	PT	PARTING
CONGL	CONGLOMERATE, CONGLOMERITIC	PYR	PYRITE, PYRITIC
CXLN	COARSELY CRYSTALLINE	SD(Y)	SANDSTONE, SANDY
DNS	DENSE	SH(Y)	SHALE, SHALY
DOL(C)	DOLOMITE, DOLOMITIC	SHR	SOLID HYDROCARBON RESIDUE
F	RANDOMLY ORIENTED FRACTURES	SL/	SLIGHTLY
FG	FINE GRAINED	SLT(Y)	SILT, SILTY
FOSS	FOSSILIFEROUS	STY	STYLOLITE, STYLOLITIC
FR	FRIABLE	SUC	SUCROSLIC
FXLN	FINELY CRYSTALLINE	SUL	SULPHUR
GAL	GALENA	TBEA	TOO BROKEN FOR ANALYSIS
GLAUC	GLAUCONITE, GLAUCONITIC	TRIP	TRIPOLITE
GRAN	GRANITE	V/	VERY
GUP	GYPNUM, GYPSIFEROUS	VF	PREDOMINANTLY VERTICALLY FRACTURED
HF	PREDOMINANTLY HORIZONTALLY FRACTURED	V	VUGULAR
INC	INCLUSION	XBD	CROSSEDDED
INTD	INTERBEDDED	XLN	MEDIUM CRYSTALLINE
LAM	LAMINATED	XTL	CRYSTAL

THE FIRST WORD IN THE DESCRIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCRIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

GETTY OIL COMPANY

BILBREY FEDERAL COMM, NO. 1
BILBREY FIELD
LEA COUNTY, NEW MEXICO

PRELIMINARY PRINT

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

ELITY OIL COMPANY
 SILLBREY FEDERAL COMM. NO. 1
 SILLBREY FIELD
 LEA COUNTY, NEW MEXICO

DATE : 10-19-81
 FORMATION : MORROW
 DRLG. FLUID: OIL BASE MUD
 LOCATION : 1980' FWL & 660' FNL, SEC. 4, T-22-S, R-32-E

FILE NO : 3202-12602
 ANALYSTS : REINHEIMER
 LABORATORY: MIDLAND TEXAS

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	WE POR	GRAIN DEN	DESCRIPTION
CORE NO. 1 14460.0-14506.0 CUT 46' REC 37'					
	14460.0-63.0				NA SH
	14463.0-64.0				NA LM SHY
	14464.0-74.0				NA SH
	14474.0-75.0				NA LM SHY
	14475.0-76.0				NA SH
	14476.0-83.0				NA LM SHY
	14483.0-90.0				NA SH LMY
1	14490.0-91.0	<0.01	0.6	2.76	SD CG SL/LMY
2	14491.0-92.0	<0.01	0.9	2.74	SD CG SL/LMY
3	14492.0-93.0	2.3	4.4	2.76	SD CG SL/LMY VF
4	14493.0-94.0	0.20	6.2	2.68	SD CG SL/LMY
5	14494.0-95.0	<0.01	2.5	2.68	SD CG SL/LMY
6	14495.0-96.0	0.07	3.8	2.69	SD CG SL/LMY
	14496.0-97.0				NA SH LMY
	14497.0- 6.0				LOST CORE
CORE NO. 2 14506.0-14510.0 CUT 4' REC 2'					
7	14506.0- 7.0	<0.01	1.0	2.74	LM SL/SDY
8	14507.0- 8.0	<0.01	1.6	2.71	LM SL/SDY CG
	14508.0-10.0				LOST CORE
CORE NO. 3 14510.0-14516.0 CUT 6' REC 5'					

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

JOEY OIL COMPANY	DATE	10-19-81	FILE NO	3202-12602
GILLBREY FEDERAL COMM. NO. 1	FORMATION	MORROW	ANALYSTS	REINHEIMER

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	HE POR	GRAIN DEN	DESCRIPTION
14510.0-15.0					NA SH SL/LMY
14515.0-16.0					LOST CORE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

LITHOLOGICAL ABBREVIATIONS

ANH(Y)	ANHYDRITE, ANHYDRITIC	LM(Y)	LIMESTONE, LIMY
ARK	ARKOSE, ARKOSIC	MG	MEDIUM GRAINED
BAN	BAND, BANDED	MTX	MATRIX
BREC	BRECCIA, BRECCIATED	NA	INTERVAL NOT ANALYZED (AT REQUEST OF CLIENT)
CALC	CALCITE, CALCAREOUS	NOD	NODULE, MODULAR
CARB	CARBONACEOUS	OOL	OOLITIC
CG	COARSE GRAINED	PISO	PISOLITIC
CHK(Y)	CHALK, CHALKY	PP	PINPOINT POROSITY
CHT(Y)	CHERT, CHERTY	PT	PARTING
CONGL	CONGLOMERATE, CONGLOMERITIC	PYR	PYRITE, PYRITIC
CXLN	COARSELY CRYSTALLINE	SD(Y)	SANDSTONE, SANDY
DNS	DENSE	SH(Y)	SHALE, SHALY
DOL(C)	DOLOMITE, DOLOMITIC	SHR	SOLID HYDROCARBON RESIDUE
F	RANDOMLY ORIENTED FRACTURES	SL/	SLIGHTLY
FG	FINE GRAINED	SLT(Y)	SILT, SILTY
FOSS	FOSSILIFEROUS	STY	STYLOLITE, STYLOLITIC
FR	FRIABLE	SUC	SUCROSLC
FXLN	FINELY CRYSTALLINE	SUL	SULPHUR
GAL	GALENA	TBEA	TOO BROKEN FOR ANALYSIS
GLAUC	GLAUCONITE, GLAUCONITIC	TRIP	TRIPOLITE
GRAN	GRANITE	V/	VERY
GUP	GYPSEUM, GYPSIFEROUS	VF	PREDOMINANTLY VERTICALLY FRACTURED
HF	PREDOMINANTLY HORIZONTALLY FRACTURED	V	VUGULAR
INC	INCLUSION	XBD	CROSSEDDED
INTD	INTERBEDDED	XLN	MEDIUM CRYSTALLINE
LAM	LAMINATED	XIL	CRYSTAL

THE FIRST WORD IN THE DESCRIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCRIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.