6-1-76 Flying Diamond Oil Corp. assumed operations.

FILE NOTATIONS

Entered in NID File ...✓....
Location Map Pinned ...✓....
Card Indexed .....

Checked by Chief PWB
Approval Letter 3-12-74
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 8-18-74
OW.✓... WW..... TA.....
GW..... OS..... PA.....

Location Inspected ...
Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.✓.....
Electric Logs ✓.....
E..... I..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... ML-L..... Sonic.....
CBLog..... CCLog..... Others.....

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: 40-20-H62-1708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe # 1-27

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME:

9. WELL NO.: No. 1-27

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27-T1N-R2W

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Gas Producing Enterprises, Inc.

3. ADDRESS OF OPERATOR: P. O. Box 749 - Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1444' FWL and 1828' FSL Sec. 27-1N-2W
At proposed prod. zone: same

SWNESW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 11 miles NW Roosevelt Townsite

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1444'

16. NO. OF ACRES IN LEASE: 640

17. NO. OF ACRES ASSIGNED TO THIS WELL: 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 17,000'

20. ROTARY OR CABLE TOOLS: rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6057' GR

22. APPROX. DATE WORK WILL START*: 3-20-74

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	9-5/8"	36#	2,500'	850 SX
8-3/4"	7"	23# & 26#	~~13,500'~~	350 SX
6¼"	5" liner	18#	17,000'	780 SX

16" to 20" Conductor set at approximately 60'

BOP Program will consist of:
2 ram type and 1 bag type 12" Ser. 900 to 13,500'
2 ram type and 1 bag type 6" Ser 1500 from 13,500' to TD

Recording mud pit level indicator flow meter and other safety and warning devices on the derrick floor.

SUPPLEMENTAL INFORMATION ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. S. McDonald — TITLE District Engineer — DATE March 6, 1974

(This space for Federal or State office use)

PERMIT NO. 43-013-30305 — APPROVAL DATE

APPROVED BY — TITLE — DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Casing Size Wt-Grade New(N) Used (U)	Proposed Setting Depth(-KB to GL)	Anticipated Formation Pressure @ next csg setting depth or T.D.	Fracture / Formation Breakdown Pressure @ Csg Shoe	Max. Possible Pressure @ Csg Shoe	Anticipated Hydrostatic Pressure @ Csg Shoe	Difference a. 4-5 b. 4-6
9-5/8"-36# K55 (N)	2500'	5846psi @ 13500'	2500psi	2500psi	1163psi	a = 0 b = 1337psi
7"-23#&26# N80 (N)	13500'	11390psi @ 17000'	13500psi	13500psi	10530psi	a = 0 b = 2970psi
5"-18# N80 (N)	17000'	11390psi @ 17000'	17000psi	17000psi	13260psi	a = 0 b = 3740psi

1. Blow-out Preventors:

2 pipe ram, 1 blind ram and 1 bag type, 12" Series 900 (surface to 13,500') installed initially with subsequent installation of 6" Series 1500 (13,500' to TD) equipment with standard accumulator and N_2 bottles. Manifold includes appropriate valves, chokes, fill line, kill line and gas-mud separator to control abnormal pressure. Controls on floor and at remote location.

2. Auxiliary Equipment:

Kelly cock, TIW safety valves (spare on floor), geolograph (record mud weight, torque, pump pressure, pump stroke, pipe weight and rotary RPM), recorder with dual (visual and audio) warning device for flow level and pit level monitoring, mud logging unit for drilling fluid analysis, drilling fluid separation equipment (de-sander, centrifuge, etc.), and a remotely located flare with pilot.

3. Drilling Fluid:

Water base mud with appropriate chemicals. Mud weight range 9-15 lbs/gal.

4. Down-hole Drilling Equipment:

8-3/4" Hole

(1) bit
(2) 6 point reamer (roller)
(3) 1 drill collar
(4) 3 point spiral collar
(5) 5 drill collars (6-5/8")
(6) IF drill pipe (3½")

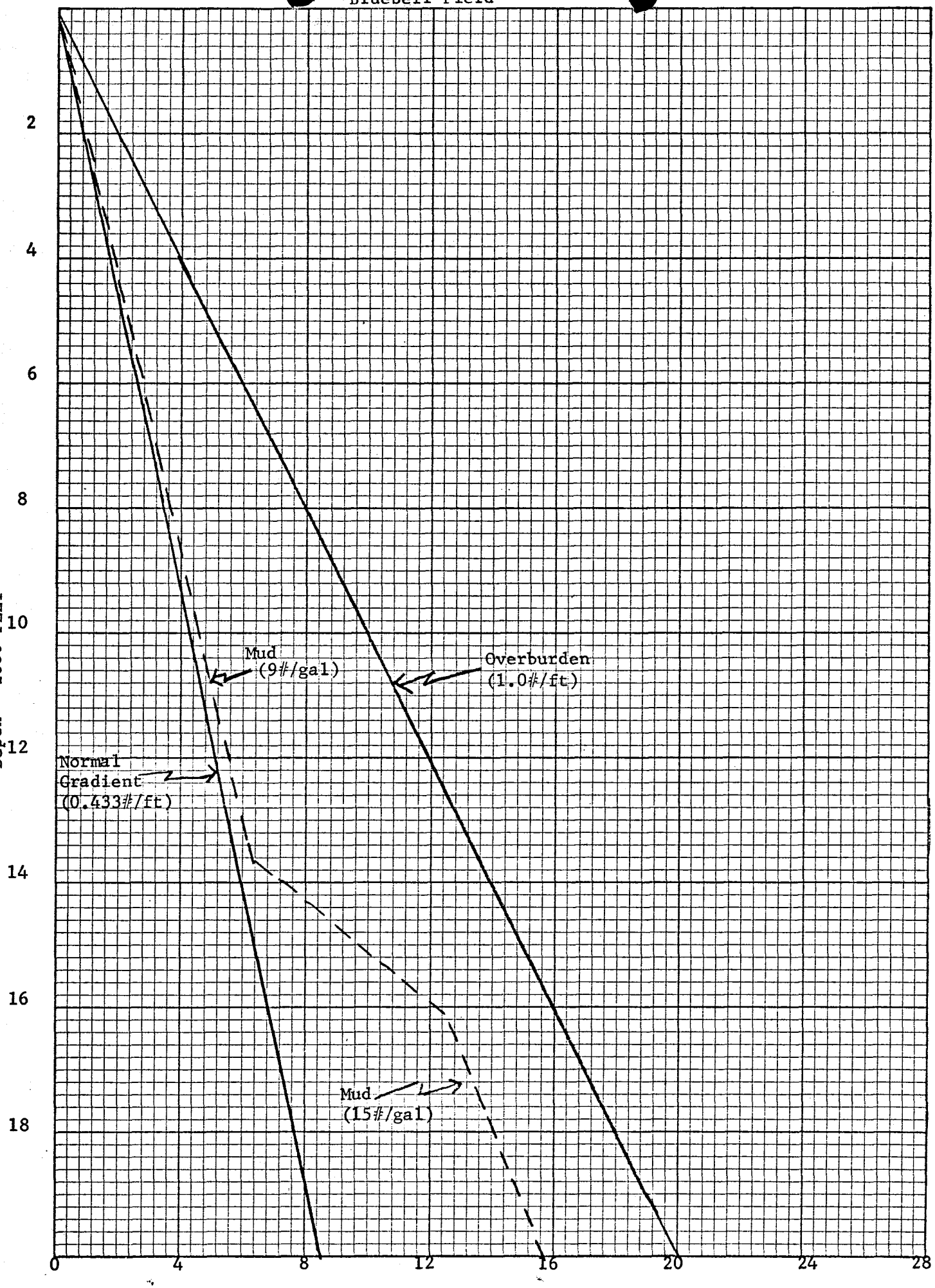
6-1/8" Hole

(1) bit
(2) near bit stabilizer
(3) 1 short drill collar
(4) spiral stabilizer
(5) 1 drill collar
(6) spiral stabilizer
(7) 26 drill collars (4-3/4")
(8) IF drill pipe (3½")

5. Well-head Equipment:

Bradenhead - 10", 900 Series (3000#)
Casinghead - 6", 1500 Series (10000#)

Ute Indian Tribe 1-27
Bluebell Field

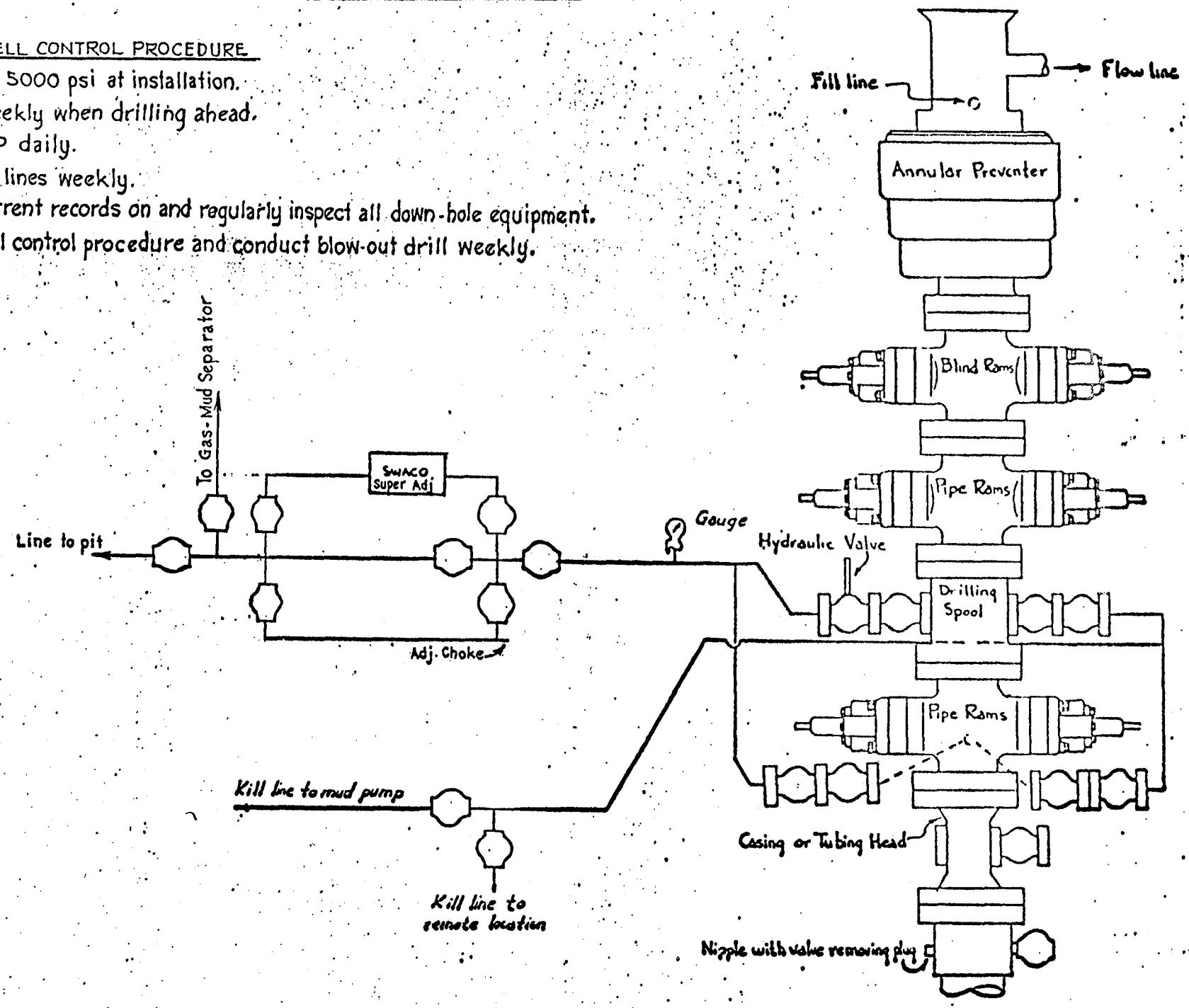


K+E 10 X 10 TO THE INCH 46 0703
7 X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

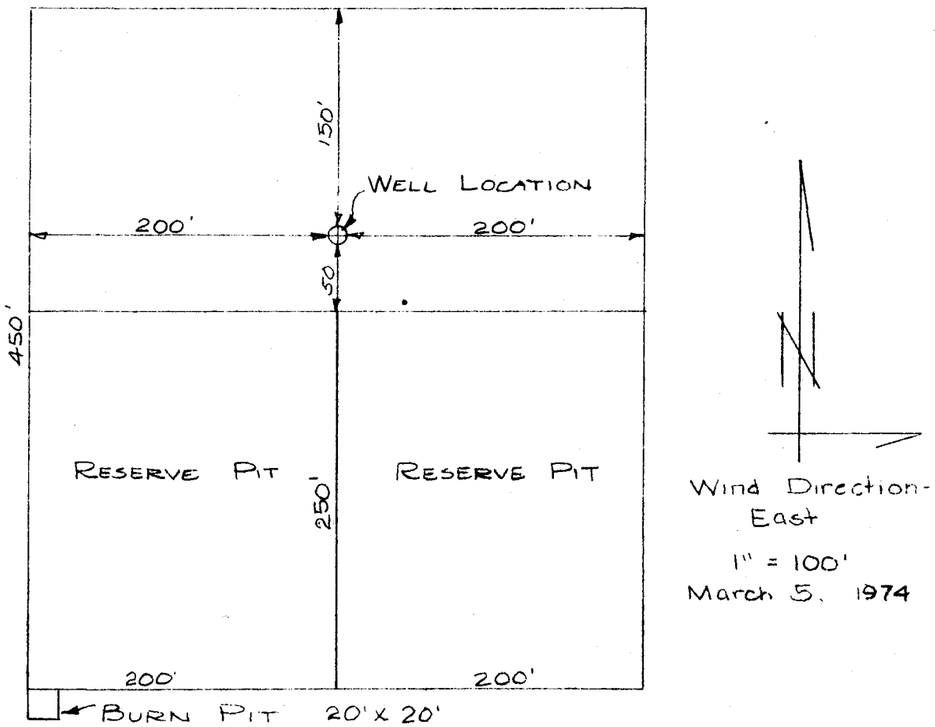
BOP STACK SCHEMATIC

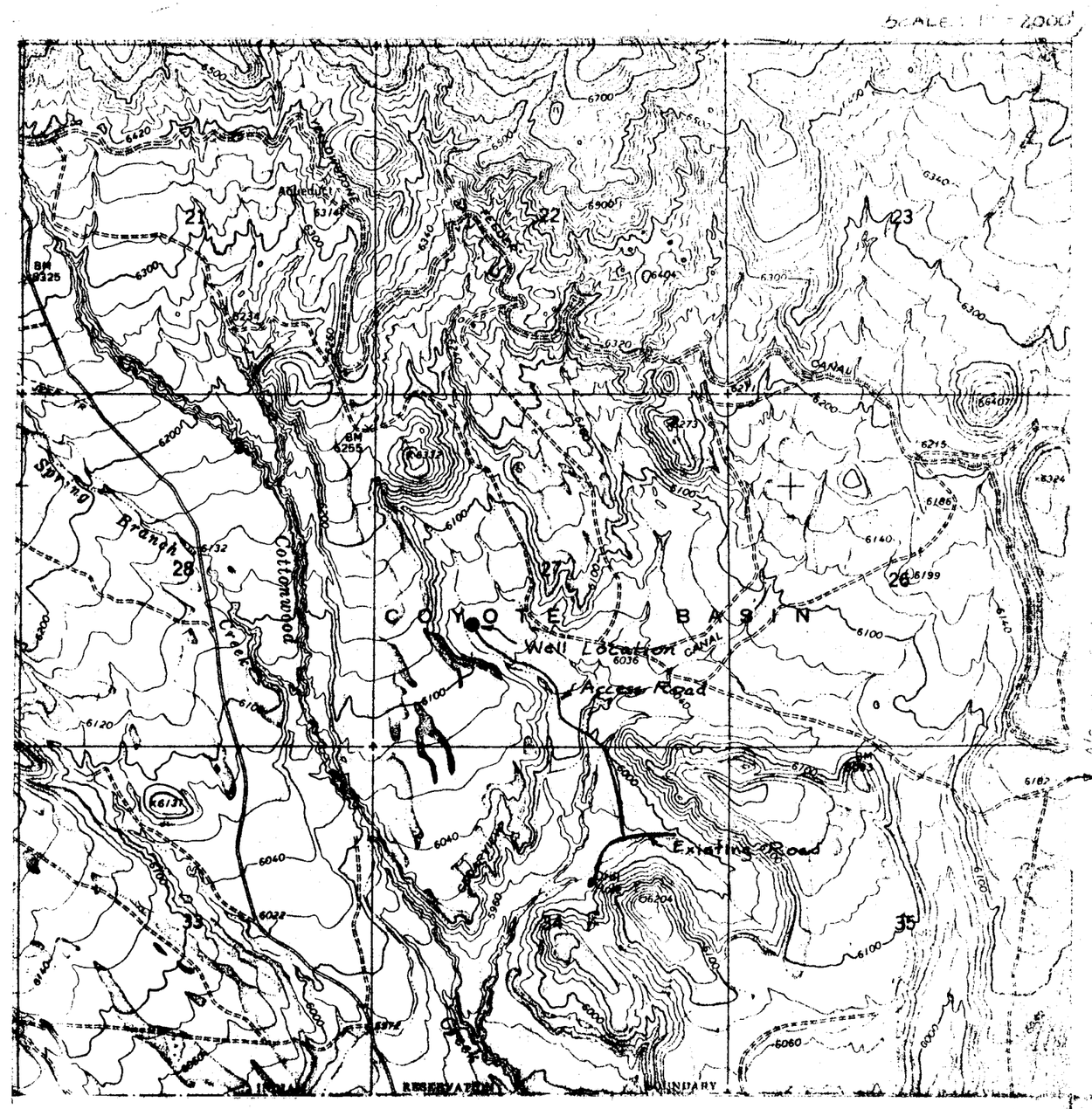
BOP TEST & WELL CONTROL PROCEDURE

1. Test BOP to 5000 psi at installation.
2. Test BOP weekly when drilling ahead.
3. Operate BOP daily.
4. Test all BOP lines weekly.
5. Maintain current records on and regularly inspect all down-hole equipment.
6. Review well control procedure and conduct blow-out drill weekly.



GAS PRODUCING ENTERPRISES
PROPOSED LOCATION LAYOUT
LOCATED IN
SECTION 27, T1N, R2W, U.S.B&M.
DUCHESNE COUNTY, UTAH





ITEM:

(3) NEAREST WELLS:
There are no known wells within a radius of 1/2 mile.

(6) WATER
Water required to drill this well will be pumped from Water Well in Sec. 26, T1N, R2W or pumped from Run-off Water.

(7) WASTE DISPOSAL
All burnable waste will be burned, All other waste will be buried.

(8) CAMPS
There will be no camps.

(9) AIRSTRIPS
No Airstrips to be built.

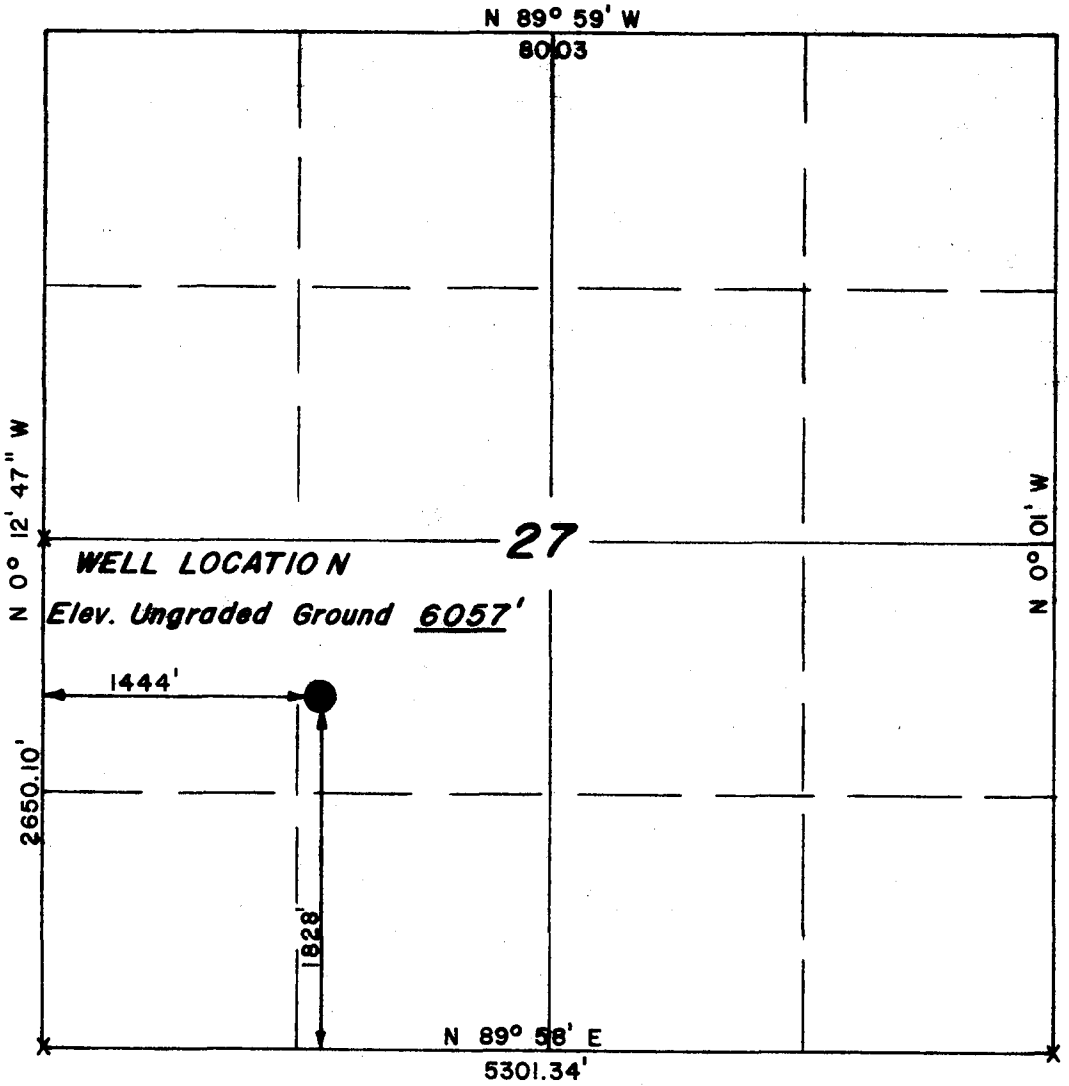
(11) RESTORATION OF SURFACE
On completion, pits will be filled, location leveled, remaining production facilities fenced, and disturbed area will be reseeded as required.

(12) TOPOGRAPHY
Rolling hills with sage brush vegetation.

PROJECT

GAS PRODUCING ENTERPRISES

Well location, located as shown in the NE 1/4 SW 1/4, Section 27, T1N, R2W, U.S.B.&M., Duchesne County, Utah.



X = Section Corners Located (Marked Stones)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION № 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1 = 1000'	DATE FEBRUARY 24, 1974
PARTY L.D.T. & N.D.	REFERENCES GLO PLAT
WEATHER COLD & SNOW	FILE GAS PROD. ENTERPRISES

Gas Producing Enterprises, Inc.
COLORADO OIL COMPANY
Subsidiaries of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

March 7, 1974

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Dear Sir:

Attached please find two copies of an application to drill Gas Producing Enterprises, Inc.'s Ute Indian Tribe No. 1-27 well located 1444' FWL and 1828' FSL, Section 27, T1N-R2W, Duchesne County, Utah, with supplementary information. The Development Plan for Surface Use will be forwarded to you by separate letter from the Uintah Engineering & Land Surveying company in Vernal, Utah.

Your approval is respectfully requested.

Very truly yours,

J. A. Short
District Production Manager

JAS:mjr

Attachments

cc: Mr. W. E. Spencer

March 12, 1974

Gas Producing Enterprises, Inc.
Box 749
Denver, Colorado 80201

Re: Well No. Ute Indian #1-27
Sec. 27, T. 1 N, R. 2 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 131-14.

This Division and the U.S. Geological Survey have become somewhat concerned with the practice of setting surface casing at depths ranging from 2,000 to 4,000 feet in the Duchesne River - Uinta Formations. Consequently, this office would appreciate being advised as to your company's policy relative to this matter and indicating what emergency steps could be taken should a high-pressure gas strata be unexpectedly encountered.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-013-30305.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

PC

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Uintah-Ouray
TRIBE Ute
LEASE NO.

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1974, 1-27

Agent's address P. O. Box 1138 *Company* Gas Producing Enterprises, Inc.

Vernal, UT 84078 *Signed* [signature]

Phone 789-4433 *Agent's title* Production Clerk

Sec. and ¼ of ¼	Twp.	Range	Well No.	Date Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NESW 27	1N	2W	1							2665' Drlg. SD 4-24-74

NOTE.—There were ..... runs or sales of oil; ..... M. cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A
(December 1948)

U.S. GOVERNMENT PRINTING OFFICE: 1949 O-[illegible]

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Uintah-Ouray
TRIBE Ute
LEASE NO. 14-20-H62-1708

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, *19*74, 1-27

Agent's address P. O. Box 1138 *Company* Gas Producing Enterprises, Inc.

Vernal, UT 84078 *Signed* [illegible]

Phone 789-4433 *Agent's title* Production Clerk

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NESW 27	1N	2W	1							TD 10,852' Drlg.

NOTE.—There were ..... runs or sales of oil; ..... M. cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A
(December 1948)

U.S. GOVERNMENT PRINTING OFFICE: 1949 O-[illegible]

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Uintah-Ouray
TRIBE Ute
LEASE NO. 14-20-H62-1708

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, *19* 74, 1-27

Agent's address P. O. Box 1138 *Company* Gas Producing Enterprises, Inc.
Vernal, UT 84078 *Signed* C. K. Valora

Phone 789-4433 *Agent's title* Production Clerk

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NESW 27	1N	2W	1							Drlg. @ 13767'

NOTE.—There were ..... runs or sales of oil; ..... M. cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A
(December 1948)

U.S. GOVERNMENT PRINTING OFFICE: 1950 O-[illegible]

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Uintah-Ouray
TRIBE Ute
LEASE NO.

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, *19* 74, 1-27

Agent's address P. O. Box 1138 *Company* Gas Producing Enterprises, Inc.

Vernal, UT 84078 *Signed* [illegible]

Phone 789-4433 *Agent's title* Production Clerk

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NESW 27	1N	2W	1							TD 16600' Completing

NOTE.—There were ..... runs or sales of oil; ..... M. cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A
(December 1948)

U.S. GOVERNMENT PRINTING OFFICE: 1949 O-[illegible]

(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Gas Producing Enterprises, Inc.

3. ADDRESS OF OPERATOR: P. O. Box 1138, Vernal, UT 84078

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1444' FWL, 1828' FSL, Section 27
At top prod. interval reported below: Same
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1708
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
7. UNIT AGREEMENT NAME: - - -
8. FARM OR LEASE NAME: Ute Tribal
9. WELL NO.: 1-27
10. FIELD AND POOL, OR WILDCAT: Bluebell
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 27, T1N, R2W, USM

14. PERMIT NO.: 43-013-30305 | DATE ISSUED: 3-12-74
12. COUNTY OR PARISH: ~~Duchesne~~ Duch | 13. STATE: UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-24-74	7-19-74	8-18-74	6057' GR - 6079' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
16600'	16514'	NA	→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch - 14954' through 16410'

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Sonic, GR, DIL, Formation Density/Neutron, GR/CCL, CBL

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	2663'		950 sx lt wt, 150 sx common	
7"	23# & 26#	13330'		438 sx BJ lt wt, 150 sx "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	13014'	16597'	889 sx	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	13049'	13050'

31. PERFORATION RECORD (*Interval, size and number*)

See attached supplement

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14954' - 16410'	10,000 gal 15% HCl w/admixes.

33.* PRODUCTION

DATE FIRST PRODUCTION: 8-18-74 | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Flowing | WELL STATUS (*Producing or shut-in*): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-13-74	14	40/64	→	531.8	355	0	688

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
200#	0	→	912	1179	0	39.4

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Flared

TEST WITNESSED BY: D. D. Kessel

35. LIST OF ATTACHMENTS: Perforation Supplement

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: K. E. Oden *K E Oden* TITLE: Area Superintendent DATE: 4-15-75

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	7740'	11280'	SS, WHT CL GLASSEY LT GY LT BN VG-FG CALC TO BENT CEM PRED SFT FRI TO UNCON W/ABUN BLK OIL STN SCAT FLUO THRUOUT
Transition Zone	11280'	11615'	SS, WHT CL LT GY-GY LT BN CALC CEM VF-F-MC TO QTZITIC SM BN OIL STN
Wasatch	11615'	16600'	SH, LT GN-GN LT GY-GY GNSH CY LT-MED-DK BN TR DK GY RED MOTT WXY SUB WXY W/IMBED LS NODULES FIRM TO HD BRITTLE SPLINTY SH BN DK BN LT GY GY DH GY LT GN GY-GN LT RED RED-GN VCL CARB I.P. TO SM V/FOSS TO LS FRAGS IMBED SUB SXY TO WXY TO SNDY I.P. BLKY FIRM TO HD SPLINTY ABUN PORCE BLK DK GY GY GRITTY HD TO BRITTLE

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Green River	7740'	
Transition	11280'	
Wasatch	11615'	

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-683636
837-497

Supplement to Well Completion Report - Ute Tribal #1-27

Perforations:

14954-964'	15240-246'	15418-426'	15656-662'	15970-974'
984-990	278=282	438-444	688-694	16027-033
15095-103	288-294	485-489	702-706	232-238
111-121	336-352	497-503	712-716	312-318
154-158	358-362	507-513	724-732	380-384
170-176	368-372	594-602	756-762	406-410
189-195	380-384	614-618	802-808	
204-208	394-398	625-629	852-868	

234 shots.

ev
4-15-75

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Ute Indian Tribe #1-27 14-20-H62-1708

Operator Gas Producing Enterprises, Inc Address P. O. Box 1138, Vernal 84078 Phone 789-4433

Contractor Noble Drilling Company Address 2522 Lincoln Center Bldg. Denver, CO 80203 Phone

Location NE ¼ SW ¼ Sec. 27 T. 1N N, S R. 2W E, W Duchesne County, Utah

Water Sands:

	Depth		Volume	Quality
	From:	To:	Flow Rate or Head:	Fresh or Salty:
1.	1450'	1500'	TSTM	Less than 1000 ppm
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

Green River 7740'
Wasatch 11615'

REVISED REPORT

Remarks:

NOTE:
(a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Filed 8-20-74

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* SCHLUMBERGER *
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GAS PRODUCERS ENTERPRIZES

UTE TRIBAL NO.1-27

BLUEBELL

DUCHESNE

UTAH

27 JULY 1974

HOUSTON LOG INTERPRETATION CENTER

****

CORIBAND JOB

THIS JOB IS IN FEET

THE INTERVAL FOR THIS JOB IS BOTTOM TO TOP

FREQUENCY OF LISTING IS 1 FOOT

DISCRIMINATION MADE ON LISTING IS FROM VSH = 50

PERMEABILITY IS FROM THE E-4 EQUATION

CONSTANT FOR E-4 PERMEABILITY = 250.

Schlumberger

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
7670.0	.00	100	3.9	.0	2.65	28	85.40	24.45
7671.0	.00	100	.0	.0	2.70	36	85.38	24.45
7672.0	.00	100	.0	.0	2.70	45	85.38	24.45
7681.0	.00	100	3.5	.0	2.86	48	85.38	24.45
7682.0	.00	100	2.8	.0	2.77	31	85.35	24.45
7683.0	.00	100	3.5	.0	2.75	30	85.32	24.45
7684.0	.00	100	2.5	.0	2.74	41	85.29	24.45
7685.0	.00	100	1.8	.0	2.78	42	85.26	24.45
7686.0	.00	100	1.0	.0	2.78	46	85.25	24.45
7690.0	.00	100	3.1	.0	2.79	47	85.23	24.45
7714.0	.00	100	.5	.0	2.68	42	85.21	24.45
7715.0	.00	100	.0	.0	2.69	38	85.21	24.45
7716.0	.00	100	.6	.0	2.69	33	85.20	24.45
7717.0	.00	100	.7	.0	2.72	33	85.20	24.45
7718.0	.00	100	.3	.0	2.72	48	85.19	24.45
7720.0	.00	100	.0	.0	2.76	48	85.19	24.45
7736.0	.00	100	2.0	.0	2.85	49	85.19	24.45
7737.0	.00	100	1.6	.0	2.78	37	85.17	24.45
7738.0	.00	100	2.0	.0	2.75	33	85.15	24.45
7739.0	.00	100	2.2	.0	2.74	33	85.13	24.45
7740.0	.00	100	2.7	.0	2.72	34	85.11	24.45
7741.0	.00	100	3.4	.0	2.73	34	85.08	24.45
7742.0	.00	100	3.9	.0	2.71	30	85.05	24.45
7743.0	.00	100	3.5	.0	2.69	25	85.01	24.45
7744.0	.00	100	2.8	.0	2.70	23	84.97	24.45
7745.0	.00	100	2.9	.0	2.70	27	84.95	24.45
7746.0	.00	100	4.0	.0	2.71	30	84.92	24.45
7747.0	.00	100	4.7	.0	2.71	33	84.87	24.45
7748.0	.01	100	5.7	.0	2.69	35	84.82	24.45
7749.0	.00	100	5.0	.0	2.67	43	84.77	24.45
7779.0	.00	100	.0	.0	2.78	49	84.74	24.45
7780.0	.00	100	.0	.0	2.71	38	84.74	24.45
7781.0	.00	100	1.7	.0	2.73	37	84.74	24.45
7782.0	.00	100	2.7	.0	2.79	39	84.72	24.45
7785.0	.00	100	3.6	.0	2.83	41	84.67	24.45
7786.0	.00	100	4.0	.0	2.79	43	84.63	24.45
7789.0	.00	91	4.6	.0	2.72	41	84.58	24.45
7790.0	.04	48	7.2	.0	2.69	31	84.53	24.44
7791.0	.02	56	6.4	.0	2.70	31	84.46	24.40

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
7792.0	.00	93	4.6	.0	2.69	35	84.40	24.38
7793.0	.00	100	4.1	.0	2.71	36	84.36	24.38
7794.0	.00	90	4.6	.0	2.70	35	84.31	24.38
7795.0	.01	74	5.2	.0	2.67	33	84.27	24.37
7796.0	.00	87	4.7	.0	2.67	36	84.21	24.36
7797.0	.00	100	3.2	.0	2.69	43	84.17	24.36
7800.0	.00	100	2.5	.0	2.69	44	84.14	24.36
7801.0	.00	100	1.9	.0	2.65	31	84.12	24.36
7802.0	.00	100	.9	.0	2.67	28	84.10	24.36
7803.0	.00	100	1.4	.0	2.72	27	84.09	24.36
7804.0	.00	82	4.0	.0	2.73	21	84.07	24.36
7805.0	.01	56	5.8	.0	2.71	21	84.03	24.34
7806.0	.01	60	6.0	.0	2.72	21	83.97	24.32
7807.0	.01	68	5.8	.0	2.72	26	83.91	24.30
7808.0	.01	71	5.6	.0	2.71	29	83.85	24.28
7809.0	.01	68	5.6	.0	2.69	31	83.79	24.26
7810.0	.00	81	4.5	.0	2.66	35	83.74	24.25
7811.0	.00	100	3.0	.0	2.65	39	83.70	24.24
7812.0	.00	100	2.2	.0	2.65	47	83.67	24.24
7818.0	.04	82	7.3	.0	2.65	39	83.66	24.24
7819.0	.06	92	8.0	.0	2.65	15	83.58	24.22
7820.0	.00	100	.0	.0	2.65	8	83.53	24.22
7821.0	.00	100	.0	.0	2.74	22	83.53	24.22
7822.0	.00	100	.0	.0	2.77	23	83.53	24.22
7823.0	.00	100	.0	.0	2.77	25	83.53	24.22
7824.0	.00	100	.0	.0	2.77	30	83.53	24.22
7825.0	.00	100	.0	.0	2.78	34	83.53	24.22
7826.0	.00	100	.0	.0	2.80	44	83.53	24.22
7850.0	.00	100	1.9	.0	2.67	48	83.53	24.22
7851.0	.00	100	.8	.0	2.67	41	83.51	24.22
7852.0	.00	100	1.0	.0	2.68	43	83.50	24.22
7853.0	.00	100	1.2	.0	2.69	46	83.49	24.22
7854.0	.00	100	1.8	.0	2.70	45	83.48	24.22
7855.0	.00	100	1.8	.0	2.73	39	83.46	24.22
7856.0	.00	100	1.5	.0	2.75	49	83.45	24.22
7860.0	.00	100	1.6	.0	2.71	48	83.42	24.22
7869.0	.00	100	2.5	.0	2.80	48	83.41	24.22
7878.0	.00	100	2.3	.0	2.76	49	83.40	24.22
7879.0	.00	100	2.1	.0	2.75	42	83.38	24.22
7880.0	.00	100	1.3	.0	2.71	42	83.36	24.22
7881.0	.00	100	1.8	.0	2.73	45	83.35	24.22
7888.0	.00	100	.0	.0	2.76	46	83.34	24.22

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
7896.0	.00	100	.0	.0	2.80	46	83.34	24.22
7897.0	.00	100	.2	.0	2.82	43	83.34	24.22
7898.0	.00	100	.5	.0	2.83	48	83.34	24.22
7899.0	.00	100	1.6	.0	2.80	47	83.33	24.22
7900.0	.00	100	3.1	.0	2.77	40	83.31	24.22
7901.0	.00	100	3.8	.0	2.75	37	83.28	24.22
7902.0	.00	100	4.0	.0	2.74	34	83.24	24.22
7903.0	.00	100	4.3	.0	2.71	37	83.20	24.22
7904.0	.00	100	2.6	.0	2.69	47	83.16	24.22
7907.0	.00	100	3.3	.0	2.70	44	83.14	24.22
7908.0	.00	100	5.2	.0	2.70	35	83.11	24.22
7909.0	.01	80	6.2	.0	2.68	31	83.05	24.22
7910.0	.01	80	6.1	.0	2.66	35	82.99	24.20
7911.0	.00	100	4.5	.0	2.66	42	82.93	24.20
7912.0	.00	100	2.4	.0	2.67	49	82.89	24.20
7913.0	.00	100	1.8	.0	2.68	44	82.87	24.20
7914.0	.00	100	2.4	.0	2.69	38	82.85	24.20
7915.0	.00	100	3.0	.0	2.67	40	82.83	24.20
7916.0	.00	100	2.5	.0	2.65	40	82.80	24.20
7917.0	.00	100	1.4	.0	2.65	41	82.77	24.20
7918.0	.00	100	.4	.0	2.65	43	82.76	24.20
7929.0	.00	100	.0	.0	2.69	44	82.76	24.20
7930.0	.00	100	.0	.0	2.69	44	82.76	24.20
7948.0	.00	100	.3	.0	2.69	47	82.76	24.20
7963.0	.01	100	6.1	.0	2.71	44	82.72	24.20
7964.0	.02	100	6.7	.0	2.68	41	82.66	24.20
7965.0	.02	100	6.5	.0	2.69	41	82.59	24.20
7966.0	.01	100	5.9	.0	2.70	47	82.53	24.20
7981.0	.00	88	5.1	.0	2.71	27	82.48	24.20
7982.0	.01	82	5.6	.0	2.71	23	82.43	24.19
7983.0	.00	98	5.1	.0	2.72	24	82.37	24.18
7984.0	.01	97	5.3	.0	2.74	21	82.32	24.18
7985.0	.01	87	5.7	.0	2.75	21	82.27	24.18
7986.0	.01	82	5.7	.0	2.76	22	82.21	24.17
7987.0	.00	100	4.8	.0	2.76	24	82.15	24.16
7988.0	.00	100	3.6	.0	2.77	27	82.11	24.16
7989.0	.00	100	2.9	.0	2.78	30	82.07	24.16
7990.0	.00	100	2.3	.0	2.80	32	82.05	24.16
7991.0	.00	100	2.1	.0	2.80	37	82.03	24.16
7992.0	.00	100	1.6	.0	2.85	47	82.01	24.16
8004.0	.03	45	6.9	.4	2.73	42	81.97	24.15

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8005.0	.13	32	7.8	1.2	2.66	34	81.89	24.10
8006.0	.27	26	8.2	2.4	2.65	20	81.81	24.05
8007.0	.04	36	6.8	2.3	2.65	26	81.73	23.99
8008.0	.01	44	5.9	1.7	2.65	39	81.67	23.95
8009.0	.03	39	6.4	1.1	2.65	37	81.61	23.92
8010.0	.01	43	5.5	.0	2.65	41	81.55	23.88
8011.0	.01	44	5.3	.0	2.65	32	81.50	23.85
8012.0	.00	65	4.1	1.9	2.65	26	81.44	23.82
8013.0	.00	100	2.2	1.8	2.65	43	81.41	23.82
8017.0	.02	44	6.2	1.0	2.65	48	81.40	23.82
8018.0	.17	31	8.1	.8	2.65	32	81.33	23.78
8020.0	.03	39	6.3	1.1	2.65	36	81.17	23.67
8020.0	.03	39	6.3	1.1	2.65	36	81.17	23.67
8021.0	.00	54	4.2	2.6	2.65	47	81.11	23.63
8024.0	.00	46	3.6	.0	2.74	47	81.09	23.62
8025.0	.00	36	4.6	.0	2.72	36	81.05	23.60
8026.0	.00	47	3.9	.6	2.71	41	81.00	23.57
8027.0	.00	63	3.1	2.4	2.70	48	80.97	23.56
8028.0	.00	55	3.0	2.3	2.71	45	80.94	23.54
8029.0	.00	68	2.9	1.7	2.73	46	80.91	23.53
8032.0	.00	83	2.6	1.7	2.72	48	80.89	23.53
8033.0	.00	100	2.3	.7	2.73	47	80.87	23.52
8034.0	.00	75	3.0	.0	2.73	41	80.84	23.52
8035.0	.00	56	3.9	.0	2.71	37	80.81	23.51
8036.0	.00	64	3.8	.0	2.69	40	80.77	23.49
8037.0	.00	73	3.6	.0	2.71	44	80.73	23.48
8038.0	.00	63	4.2	.2	2.74	37	80.70	23.47
8039.0	.00	54	4.9	.0	2.72	34	80.65	23.45
8040.0	.01	45	5.8	.0	2.71	30	80.60	23.43
8041.0	.01	46	5.8	.0	2.70	32	80.54	23.40
8042.0	.01	51	5.4	.1	2.70	40	80.48	23.37
8043.0	.01	47	5.9	.0	2.72	37	80.43	23.34
8044.0	.02	46	6.4	.0	2.73	36	80.37	23.31
8045.0	.02	51	6.4	.0	2.75	33	80.30	23.28
8046.0	.03	49	6.9	.0	2.74	30	80.24	23.24
8047.0	.04	45	7.1	.0	2.73	24	80.17	23.21
8048.0	.03	47	7.0	.0	2.71	24	80.10	23.17
8049.0	.02	50	6.4	.0	2.70	27	80.03	23.13
8050.0	.04	42	7.1	.0	2.72	26	79.97	23.10
8051.0	.06	41	7.4	.0	2.72	24	79.89	23.06
8052.0	.02	49	6.6	.0	2.72	27	79.82	23.02
8053.0	.01	55	6.0	.0	2.72	31	79.76	22.99
8054.0	.00	69	5.1	.7	2.71	36	79.70	22.96
8055.0	.00	100	3.7	2.0	2.70	43	79.65	22.95
8056.0	.00	100	3.3	1.5	2.76	47	79.62	22.95

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8062.0	.05	44	7.3	1.5	2.75	36	79.55	22.94
8063.0	.07	36	7.2	3.0	2.69	39	79.47	22.89
8064.0	.02	42	6.2	2.9	2.73	48	79.41	22.85
8065.0	.08	34	7.3	1.2	2.78	38	79.34	22.81
8066.0	.39	26	8.7	.0	2.74	24	79.26	22.76
8067.0	.45	25	8.8	2.0	2.69	26	79.18	22.69
8068.0	.22	29	8.2	3.2	2.67	31	79.09	22.63
8069.0	.26	28	8.3	1.5	2.69	26	79.01	22.57
8070.0	.19	27	7.9	1.5	2.67	21	78.93	22.51
8071.0	.42	23	8.5	3.9	2.65	13	78.85	22.46
8072.0	.13	27	7.3	3.7	2.65	16	78.76	22.39
8073.0	.01	43	5.3	2.3	2.65	35	78.70	22.35
8074.0	.00	51	4.7	1.7	2.66	47	78.64	22.32
8078.0	.02	41	6.4	.0	2.70	33	78.60	22.30
8079.0	.06	36	7.0	.5	2.70	33	78.53	22.25
8080.0	.04	37	6.6	3.8	2.70	40	78.46	22.21
8089.0	.00	100	2.1	.0	2.68	47	78.39	22.17
8090.0	.00	100	2.7	.0	2.68	44	78.37	22.17
8091.0	.00	64	3.9	.8	2.70	42	78.34	22.17
8092.0	.00	47	4.7	2.4	2.74	41	78.30	22.15
8095.0	.00	86	4.0	1.2	2.78	48	78.25	22.13
8105.0	.00	100	2.2	.0	2.74	39	78.20	22.12
8106.0	.00	100	2.5	.0	2.73	40	78.18	22.12
8107.0	.00	100	2.3	.5	2.72	45	78.16	22.12
8119.0	.03	46	6.8	.6	2.77	42	78.13	22.12
8120.0	.05	43	7.2	.4	2.71	36	78.06	22.08
8121.0	.03	42	6.6	.0	2.68	36	77.99	22.04
8122.0	.25	28	8.3	1.4	2.65	29	77.93	22.00
8123.0	.63	25	9.3	3.0	2.65	22	77.84	21.94
8124.0	.20	30	8.2	3.1	2.65	31	77.75	21.87
8125.0	.20	31	8.2	2.2	2.65	29	77.67	21.82
8126.0	.43	26	8.9	1.3	2.65	12	77.58	21.76
8127.0	.04	35	6.6	1.1	2.65	23	77.50	21.70
8128.0	.00	40	4.7	1.8	2.65	37	77.44	21.66
8136.0	.00	100	.4	.0	2.70	48	77.40	21.64
8137.0	.00	100	.0	.0	2.72	46	77.39	21.64
8144.0	.00	64	5.1	2.0	2.79	48	77.37	21.64
8145.0	.01	57	5.7	.6	2.75	48	77.32	21.61
8155.0	.00	100	1.0	.0	2.79	48	77.29	21.60

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8160.0	.00	100	2.4	.0	2.74	41	77.27	21.60
8161.0	.00	100	1.5	.0	2.76	32	77.25	21.60
8162.0	.00	100	1.3	.0	2.78	33	77.23	21.60
8163.0	.00	90	2.7	.4	2.77	35	77.22	21.60
8164.0	.00	51	4.7	1.3	2.75	31	77.18	21.59
8165.0	.01	42	5.7	1.1	2.74	27	77.13	21.57
8166.0	.01	46	5.7	1.2	2.73	28	77.08	21.54
8167.0	.01	47	5.7	1.4	2.72	31	77.02	21.51
8168.0	.01	45	5.9	.0	2.73	29	76.96	21.48
8169.0	.02	44	6.1	.0	2.73	29	76.90	21.44
8170.0	.02	43	6.2	.0	2.74	27	76.84	21.41
8171.0	.01	45	5.9	.0	2.74	25	76.78	21.38
8172.0	.03	36	6.3	2.4	2.68	32	76.72	21.34
8173.0	.12	26	7.2	3.4	2.65	26	76.66	21.30
8174.0	.02	35	5.7	1.8	2.65	29	76.59	21.25
8175.0	.00	49	4.3	2.7	2.66	37	76.54	21.22
8176.0	.00	53	4.1	3.3	2.67	35	76.49	21.20
8177.0	.01	39	5.2	1.6	2.68	28	76.45	21.18
8178.0	.02	40	5.9	2.7	2.67	31	76.40	21.14
8179.0	.02	42	6.1	2.3	2.68	38	76.34	21.11
8180.0	.08	35	7.3	.9	2.69	37	76.27	21.07
8181.0	.14	34	8.0	.0	2.68	33	76.20	21.02
8182.0	.08	40	7.6	.6	2.66	36	76.12	20.97
8183.0	.07	41	7.6	.5	2.66	36	76.04	20.93
8184.0	.08	40	7.7	.4	2.66	35	75.97	20.88
8185.0	.12	38	8.1	.8	2.65	32	75.89	20.83
8186.0	.18	35	8.4	.6	2.65	29	75.81	20.78
8187.0	.19	32	8.3	.0	2.65	31	75.72	20.73
8188.0	.33	27	8.5	1.2	2.65	28	75.64	20.67
8189.0	.55	22	8.7	4.3	2.65	27	75.55	20.61
8190.0	.36	22	8.1	4.5	2.65	28	75.47	20.54
8191.0	.44	20	8.1	2.3	2.65	25	75.39	20.48
8192.0	.24	23	7.7	.9	2.67	30	75.31	20.41
8193.0	.69	22	9.0	1.9	2.66	24	75.23	20.35
8194.0	.79	22	9.3	1.3	2.65	22	75.13	20.28
8195.0	.36	27	8.6	.2	2.67	27	75.04	20.21
8196.0	.32	28	8.6	.5	2.68	27	74.96	20.15
8197.0	.34	26	8.6	1.3	2.69	27	74.87	20.08
8198.0	.10	31	7.4	2.7	2.67	33	74.79	20.02
8199.0	.01	43	5.8	4.3	2.65	36	74.72	19.98
8200.0	.00	79	4.0	3.4	2.65	36	74.66	19.95
8201.0	.00	100	3.0	.0	2.67	42	74.63	19.95
8202.0	.00	60	4.8	.0	2.69	31	74.59	19.94
8203.0	.03	38	6.5	.9	2.66	26	74.54	19.92
8204.0	.03	32	5.9	1.4	2.65	25	74.47	19.88
8205.0	.00	44	3.3	.6	2.65	30	74.42	19.84
8206.0	.00	93	1.6	.0	2.67	17	74.40	19.83

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8207.0	.00	100	1.5	.0	2.67	23	74.38	19.83
8208.0	.00	100	1.9	.0	2.67	36	74.36	19.83
8209.0	.00	100	1.6	.7	2.68	39	74.35	19.83
8210.0	.00	100	1.4	.7	2.69	36	74.33	19.83
8211.0	.00	43	3.5	1.3	2.73	33	74.31	19.83
8212.0	.01	29	5.1	2.5	2.76	33	74.27	19.80
8213.0	.00	49	3.7	1.1	2.75	41	74.22	19.77
8214.0	.00	69	2.4	.0	2.71	39	74.19	19.76
8215.0	.00	45	3.1	.0	2.69	29	74.16	19.75
8216.0	.00	37	3.9	.0	2.71	27	74.13	19.73
8217.0	.00	45	3.1	1.9	2.73	38	74.09	19.70
8218.0	.00	80	1.8	1.7	2.76	42	74.06	19.69
8219.0	.00	94	1.9	.0	2.79	36	74.05	19.69
8220.0	.00	60	2.8	.2	2.80	34	74.03	19.68
8221.0	.00	41	3.7	1.1	2.79	31	74.00	19.67
8222.0	.00	27	3.3	.0	2.78	34	73.96	19.65
8223.0	.00	45	2.4	.0	2.76	33	73.93	19.63
8224.0	.00	41	2.7	.0	2.74	27	73.90	19.61
8225.0	.00	26	3.2	.0	2.73	27	73.88	19.59
8226.0	.00	47	1.9	.0	2.74	37	73.84	19.57
8228.0	.00	100	.0	.0	2.72	43	73.83	19.57
8229.0	.00	100	.0	.0	2.71	46	73.83	19.57
8230.0	.00	78	2.1	.0	2.70	42	73.83	19.57
8231.0	.00	40	3.9	1.3	2.69	31	73.80	19.56
8232.0	.00	53	2.6	.0	2.69	30	73.77	19.53
8233.0	.00	100	1.4	.0	2.71	26	73.74	19.53
8234.0	.00	63	2.1	.0	2.72	19	73.73	19.52
8235.0	.00	25	3.9	.0	2.69	15	73.70	19.51
8236.0	.01	27	4.8	2.7	2.67	17	73.66	19.48
8237.0	.00	38	3.7	.3	2.67	18	73.61	19.45
8238.0	.00	95	2.3	.0	2.66	27	73.58	19.43
8239.0	.00	85	2.9	.0	2.68	33	73.56	19.43
8240.0	.00	47	4.9	.0	2.67	32	73.52	19.42
8241.0	.02	40	6.1	1.6	2.65	34	73.47	19.39
8242.0	.03	38	6.5	1.3	2.65	33	73.41	19.35
8243.0	.02	40	6.2	1.6	2.65	34	73.34	19.31
8244.0	.02	41	6.1	2.7	2.65	33	73.28	19.28
8245.0	.01	42	5.8	2.5	2.65	31	73.22	19.24
8246.0	.00	60	4.5	.9	2.65	38	73.17	19.21
8247.0	.00	75	3.5	.2	2.65	44	73.13	19.20
8248.0	.00	57	4.2	1.6	2.65	41	73.09	19.19
8249.0	.02	36	6.1	3.6	2.66	34	73.04	19.16
8250.0	.10	27	7.1	4.7	2.66	30	72.98	19.12
8251.0	.06	29	6.6	3.0	2.69	27	72.91	19.07
8252.0	.02	34	6.0	1.7	2.70	37	72.85	19.03
8253.0	.01	36	5.6	1.8	2.69	43	72.79	18.99
8254.0	.01	40	5.3	1.5	2.69	33	72.73	18.95

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8255.0	.01	44	5.1	1.3	2.69	24	72.68	18.92
8256.0	.00	67	3.9	1.4	2.68	36	72.63	18.90
8257.0	.00	92	3.1	2.0	2.66	49	72.59	18.89
8262.0	.00	100	2.3	.0	2.74	49	72.58	18.89
8264.0	.00	100	2.4	.0	2.70	49	72.55	18.89
8265.0	.00	100	2.4	.0	2.70	35	72.53	18.89
8266.0	.00	100	2.5	.0	2.70	40	72.50	18.89
8267.0	.00	57	4.6	.0	2.70	39	72.48	18.88
8268.0	.01	41	5.8	.0	2.69	35	72.43	18.86
8269.0	.04	34	6.6	.0	2.70	25	72.37	18.82
8270.0	.09	30	7.1	1.4	2.67	26	72.30	18.78
8271.0	.01	41	5.8	1.0	2.66	37	72.23	18.73
8272.0	.00	64	4.2	.0	2.67	45	72.18	18.70
8273.0	.00	72	4.1	.0	2.68	43	72.14	18.69
8274.0	.00	65	4.8	.2	2.69	36	72.09	18.68
8275.0	.01	55	5.6	1.1	2.70	27	72.04	18.66
8276.0	.02	42	6.3	1.7	2.72	21	71.99	18.63
8277.0	.05	34	6.9	1.5	2.73	18	71.92	18.59
8278.0	.01	47	5.7	.0	2.75	16	71.85	18.55
8279.0	.00	66	4.3	.0	2.73	15	71.80	18.52
8280.0	.00	66	4.1	.0	2.72	14	71.76	18.51
8281.0	.00	56	4.5	.0	2.72	15	71.72	18.49
8282.0	.00	62	4.4	.0	2.74	17	71.67	18.48
8283.0	.00	63	4.4	.3	2.76	21	71.63	18.46
8284.0	.00	54	4.8	1.4	2.78	28	71.58	18.44
8285.0	.00	52	4.9	2.5	2.80	34	71.54	18.42
8286.0	.00	67	4.2	2.0	2.82	38	71.49	18.40
8297.0	.00	83	4.2	.0	2.73	43	71.45	18.39
8298.0	.00	85	4.1	.0	2.68	38	71.41	18.38
8299.0	.00	98	3.6	.0	2.66	36	71.37	18.38
8300.0	.00	86	3.9	.0	2.67	29	71.33	18.38
8301.0	.00	75	4.2	.0	2.68	25	71.29	18.37
8302.0	.00	78	4.3	.0	2.68	24	71.25	18.36
8303.0	.00	79	4.7	.0	2.69	24	71.20	18.35
8304.0	.00	75	5.1	.0	2.71	26	71.16	18.34
8305.0	.02	58	6.5	.0	2.71	29	71.10	18.32
8306.0	.08	45	8.0	.0	2.70	24	71.03	18.29
8307.0	.09	44	8.1	.0	2.69	27	70.95	18.25
8308.0	.15	40	8.6	.7	2.67	28	70.87	18.20
8309.0	.05	46	7.5	.4	2.68	28	70.78	18.15
8310.0	.01	58	6.0	.0	2.70	29	70.71	18.12
8311.0	.01	58	6.2	.0	2.68	29	70.65	18.09
8312.0	.02	58	6.3	.0	2.68	28	70.59	18.07
8313.0	.01	55	6.1	.0	2.67	28	70.53	18.04
8314.0	.01	56	5.8	.0	2.67	31	70.47	18.01

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8315.0	.00	72	4.8	.0	2.65	36	70.41	17.99
8316.0	.00	100	2.9	.0	2.65	40	70.37	17.98
8317.0	.00	100	.9	.0	2.69	42	70.35	17.98
8318.0	.00	100	1.4	.0	2.72	38	70.34	17.98
8319.0	.00	100	2.3	.0	2.72	35	70.32	17.98
8320.0	.00	100	2.7	.0	2.71	26	70.30	17.98
8321.0	.00	100	2.1	.0	2.70	29	70.27	17.98
8322.0	.00	100	3.0	.0	2.71	28	70.25	17.98
8323.0	.00	67	4.9	.0	2.70	24	70.21	17.98
8324.0	.01	49	5.8	.0	2.70	19	70.16	17.96
8325.0	.01	53	5.5	.0	2.70	19	70.10	17.93
8326.0	.01	57	5.2	.0	2.70	20	70.05	17.91
8327.0	.00	62	5.0	.0	2.70	21	70.00	17.88
8328.0	.00	63	5.0	.0	2.70	21	69.95	17.87
8329.0	.00	61	5.1	.0	2.71	18	69.89	17.85
8330.0	.00	60	5.1	.0	2.70	22	69.84	17.83
8331.0	.00	56	5.2	.0	2.69	30	69.79	17.81
8332.0	.01	51	5.8	.0	2.70	29	69.74	17.78
8333.0	.02	58	6.4	.0	2.73	26	69.68	17.75
8334.0	.02	64	6.8	.0	2.80	27	69.61	17.73
8335.0	.05	60	7.6	.0	2.95	30	69.55	17.70
8336.0	.11	54	8.7	.0	2.97	20	69.47	17.67
8337.0	.34	45	10.2	.0	2.99	8	69.38	17.63
8338.0	.86	38	11.3	.0	2.98	5	69.27	17.57
8339.0	.97	35	11.2	.0	2.88	6	69.16	17.50
8340.0	.76	33	10.5	.0	2.83	12	69.05	17.42
8341.0	.37	35	9.5	.0	2.80	18	68.94	17.36
8342.0	.02	54	6.4	.0	2.78	21	68.85	17.30
8343.0	.00	100	3.8	.0	2.77	29	68.80	17.28
8344.0	.00	100	3.3	.0	2.76	36	68.76	17.28
8345.0	.00	97	3.9	.0	2.77	40	68.73	17.28
8346.0	.00	100	3.4	.0	2.77	38	68.69	17.28
8347.0	.00	100	2.8	.0	2.75	29	68.66	17.28
8348.0	.00	100	3.5	.0	2.74	25	68.63	17.28
8349.0	.00	67	4.8	.0	2.73	23	68.59	17.28
8350.0	.01	59	5.5	.0	2.72	26	68.54	17.26
8351.0	.01	59	5.6	.0	2.72	26	68.48	17.24
8352.0	.01	62	5.4	.0	2.72	29	68.43	17.21
8353.0	.01	65	5.4	.0	2.73	33	68.37	17.19
8354.0	.01	64	5.5	.0	2.73	39	68.32	17.18
8355.0	.01	62	5.4	.0	2.73	39	68.27	17.16
8356.0	.01	53	5.9	.0	2.75	30	68.21	17.13
8357.0	.02	43	6.5	.0	2.73	25	68.15	17.10
8358.0	.06	36	7.1	.0	2.72	26	68.08	17.07
8359.0	.03	38	6.3	.0	2.71	29	68.02	17.02
8360.0	.01	43	5.6	.0	2.73	30	67.95	16.99
8361.0	.00	62	4.2	.0	2.76	42	67.90	16.96
8366.0	.01	57	5.7	.0	2.75	41	67.83	16.93

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8367.0	.00	82	4.5	.0	2.69	38	67.78	16.91
8368.0	.00	78	4.6	.0	2.67	34	67.73	16.90
8369.0	.00	91	3.9	.0	2.71	33	67.69	16.89
8370.0	.00	100	3.3	.0	2.71	41	67.65	16.89
8371.0	.00	90	4.8	.0	2.70	40	67.62	16.89
8372.0	.03	56	7.1	3.0	2.68	36	67.56	16.88
8373.0	.10	46	8.3	1.5	2.65	30	67.49	16.85
8374.0	.16	45	9.0	.0	2.65	25	67.40	16.80
8375.0	.12	45	8.6	.0	2.65	28	67.31	16.75
8376.0	.09	45	8.1	.0	2.65	24	67.23	16.71
8377.0	.01	56	6.2	.0	2.65	28	67.15	16.67
8378.0	.00	93	4.0	.0	2.65	37	67.10	16.65
8379.0	.00	75	5.1	2.3	2.65	33	67.06	16.64
8380.0	.01	71	5.6	2.9	2.65	41	67.00	16.63
8381.0	.01	67	5.7	2.4	2.65	49	66.94	16.61
8382.0	.01	70	5.8	1.4	2.65	42	66.89	16.59
8383.0	.01	71	5.9	1.8	2.65	34	66.83	16.58
8384.0	.02	51	6.5	2.0	2.65	31	66.77	16.56
8385.0	.01	50	6.1	1.2	2.65	35	66.70	16.52
8392.0	.03	55	7.0	3.2	2.66	34	66.62	16.49
8393.0	.03	49	7.0	.7	2.68	24	66.54	16.45
8394.0	.01	65	5.4	.0	2.68	31	66.48	16.42
8395.0	.00	100	3.5	.0	2.70	43	66.43	16.41
8402.0	.04	84	7.2	.0	2.81	32	66.36	16.41
8403.0	.01	94	5.9	.0	2.77	18	66.29	16.40
8404.0	.00	91	4.8	.0	2.75	18	66.23	16.39
8405.0	.00	100	4.1	.0	2.76	20	66.19	16.39
8406.0	.00	100	4.2	.0	2.76	18	66.15	16.39
8407.0	.01	92	5.4	.0	2.75	15	66.10	16.39
8408.0	.00	100	5.2	.0	2.74	15	66.04	16.38
8409.0	.00	100	5.0	.0	2.73	15	65.99	16.38
8410.0	.08	58	8.3	.9	2.72	13	65.93	16.36
8411.0	.02	78	6.8	.0	2.73	19	65.85	16.34
8412.0	.02	78	6.3	.0	2.74	21	65.79	16.33
8413.0	.01	80	6.0	.0	2.75	11	65.73	16.32
8414.0	.06	53	7.9	.0	2.74	13	65.66	16.30
8415.0	.01	72	6.0	.0	2.72	17	65.59	16.28
8416.0	.00	85	5.2	.0	2.72	24	65.54	16.26
8417.0	.00	100	4.3	.0	2.72	34	65.49	16.25
8430.0	.00	100	4.8	.0	2.84	48	65.43	16.25
8445.0	.00	100	2.7	.0	2.71	48	65.39	16.25
8454.0	.00	100	1.3	.0	2.73	39	65.37	16.25
8455.0	.01	60	6.0	1.7	2.70	35	65.33	16.25

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8456.0	.01	55	5.5	.6	2.69	39	65.27	16.22
8457.0	.00	96	4.5	.0	2.68	43	65.21	16.20
8459.0	.00	100	4.1	.4	2.68	40	65.16	16.20
8460.0	.00	95	4.9	.5	2.70	31	65.11	16.20
8461.0	.01	64	6.2	.6	2.73	24	65.06	16.20
8462.0	.08	43	7.9	.8	2.72	21	64.99	16.17
8463.0	.05	47	7.5	.0	2.70	26	64.92	16.12
8464.0	.02	50	6.8	1.1	2.65	37	64.84	16.08
8465.0	.04	45	7.1	1.6	2.65	33	64.77	16.05
8466.0	.00	72	4.8	.6	2.65	46	64.70	16.01
8475.0	.01	100	5.7	.2	2.65	40	64.66	16.01
8476.0	.02	75	6.5	.0	2.65	39	64.60	16.00
8477.0	.02	64	6.4	.0	2.65	40	64.53	15.98
8478.0	.05	47	7.6	.0	2.68	26	64.46	15.96
8479.0	.03	49	6.9	.4	2.68	28	64.39	15.92
8480.0	.01	70	5.5	.0	2.68	35	64.32	15.89
8481.0	.00	100	3.7	.0	2.66	43	64.27	15.88
8482.0	.00	100	2.1	.0	2.65	49	64.24	15.88
8483.0	.00	100	1.9	.0	2.66	45	64.22	15.88
8484.0	.00	100	2.6	.6	2.66	38	64.20	15.88
8485.0	.00	100	4.2	.3	2.67	28	64.17	15.88
8486.0	.00	100	4.4	.0	2.68	30	64.13	15.88
8487.0	.00	100	3.3	.0	2.69	39	64.08	15.88
8492.0	.00	100	2.3	.0	2.65	34	64.06	15.88
8493.0	.00	100	1.9	.0	2.66	24	64.03	15.88
8494.0	.00	100	1.1	.0	2.68	27	64.02	15.88
8495.0	.00	100	1.0	.0	2.69	29	64.01	15.88
8496.0	.00	100	1.6	.0	2.69	24	64.00	15.88
8497.0	.00	100	1.8	.0	2.70	21	63.98	15.88
8498.0	.00	100	1.7	.0	2.70	22	63.96	15.88
8499.0	.00	100	2.3	.0	2.73	24	63.94	15.88
8500.0	.00	100	2.7	.0	2.74	25	63.92	15.88
8501.0	.00	100	2.4	.0	2.72	29	63.89	15.88
8502.0	.00	100	1.9	.0	2.71	33	63.87	15.88
8503.0	.00	100	1.5	.0	2.70	37	63.85	15.88
8504.0	.00	100	1.4	.0	2.74	48	63.84	15.88
8508.0	.00	100	2.4	.0	2.69	44	63.83	15.88
8509.0	.00	100	3.4	.0	2.69	26	63.80	15.88
8510.0	.00	100	4.0	.0	2.67	26	63.77	15.88
8511.0	.00	100	3.7	.0	2.65	31	63.73	15.88
8512.0	.00	100	4.2	.0	2.65	29	63.69	15.88
8513.0	.00	96	4.8	.0	2.65	27	63.65	15.88
8514.0	.01	66	5.9	.0	2.65	21	63.60	15.87
8515.0	.02	61	6.4	.0	2.65	20	63.54	15.85

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8516.0	.02	58	6.3	1.9	2.65	23	63.47	15.83
8517.0	.02	52	6.7	.6	2.65	22	63.41	15.80
8518.0	.02	56	6.8	.1	2.65	23	63.34	15.77
8519.0	.01	85	5.8	.7	2.65	34	63.28	15.74
8520.0	.01	100	5.7	3.8	2.65	49	63.22	15.74
8525.0	.07	80	8.1	2.2	2.65	32	63.16	15.74
8530.0	.00	100	3.7	.0	2.72	39	63.09	15.73
8531.0	.00	100	4.1	.0	2.67	32	63.06	15.73
8532.0	.02	60	6.6	1.2	2.65	18	63.01	15.72
8533.0	.01	82	5.4	.9	2.65	28	62.94	15.70
8534.0	.00	100	3.1	.0	2.66	48	62.89	15.69
8535.0	.00	100	3.3	.0	2.68	47	62.88	15.69
8536.0	.00	100	4.9	.0	2.72	36	62.84	15.69
8537.0	.01	100	5.5	.0	2.70	29	62.79	15.69
8538.0	.00	100	5.1	.0	2.67	26	62.74	15.69
8539.0	.00	100	4.8	.0	2.68	24	62.69	15.69
8540.0	.00	100	3.9	.0	2.68	28	62.64	15.69
8541.0	.00	100	3.4	.0	2.67	30	62.60	15.69
8542.0	.00	100	3.9	.0	2.66	29	62.57	15.69
8543.0	.00	100	4.7	.0	2.65	29	62.53	15.69
8544.0	.00	100	4.8	.0	2.65	27	62.48	15.69
8545.0	.00	100	2.4	.0	2.65	42	62.43	15.69
8546.0	.00	100	2.4	.0	2.69	41	62.41	15.69
8558.0	.01	100	5.2	2.1	2.65	34	62.36	15.69
8559.0	.00	100	4.6	1.5	2.65	44	62.31	15.69
8560.0	.01	100	6.2	.0	2.72	38	62.26	15.69
8561.0	.03	97	6.8	.0	2.73	25	62.20	15.69
8562.0	.00	100	3.1	.0	2.70	25	62.14	15.69
8563.0	.00	100	1.9	.0	2.66	35	62.11	15.69
8564.0	.00	100	1.7	.0	2.65	37	62.09	15.69
8565.0	.00	100	1.0	.0	2.67	39	62.08	15.69
8566.0	.00	100	1.5	.0	2.67	43	62.07	15.69
8567.0	.00	100	3.0	.0	2.69	40	62.05	15.69
8568.0	.00	100	4.2	.2	2.69	47	62.01	15.69
8569.0	.02	89	6.5	1.1	2.71	39	61.96	15.69
8570.0	.01	100	5.9	.0	2.71	34	61.90	15.68
8571.0	.00	100	4.4	.0	2.70	35	61.84	15.68
8572.0	.00	100	2.9	.0	2.68	44	61.80	15.68
8573.0	.00	100	1.7	.0	2.70	44	61.78	15.68
8574.0	.00	100	1.1	.0	2.70	45	61.76	15.68
8575.0	.00	100	.6	.0	2.68	46	61.76	15.68
8576.0	.00	100	1.0	1.0	2.67	46	61.75	15.68
8577.0	.00	100	1.3	1.1	2.68	40	61.74	15.68
8578.0	.00	100	2.1	.0	2.69	20	61.72	15.68
8579.0	.00	100	2.4	.0	2.67	18	61.70	15.68

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8580.0	.00	100	3.2	.0	2.69	15	61.67	15.68
8581.0	.00	100	3.0	.0	2.69	15	61.64	15.68
8582.0	.00	100	1.8	.0	2.68	23	61.62	15.68
8583.0	.00	100	1.1	.0	2.68	33	61.60	15.68
8584.0	.00	100	.8	.0	2.71	43	61.59	15.68
8591.0	.00	100	1.7	.0	2.71	38	61.57	15.68
8592.0	.00	100	1.4	.0	2.66	34	61.56	15.68
8593.0	.00	100	1.6	.0	2.65	40	61.55	15.68
8594.0	.00	100	.6	.0	2.68	48	61.53	15.68
8607.0	.00	100	2.9	.0	2.65	44	61.53	15.68
8608.0	.00	100	1.4	.0	2.66	36	61.51	15.68
8609.0	.00	100	2.4	1.6	2.65	47	61.49	15.68
8614.0	.00	100	2.5	.0	2.71	47	61.48	15.68
8615.0	.00	100	2.9	.0	2.72	34	61.46	15.68
8616.0	.00	100	4.0	.0	2.72	23	61.42	15.68
8617.0	.01	100	5.4	.0	2.72	13	61.38	15.68
8618.0	.02	100	6.4	1.1	2.72	10	61.32	15.68
8619.0	.01	100	6.1	.0	2.73	13	61.26	15.68
8620.0	.01	100	5.7	.0	2.73	16	61.20	15.68
8621.0	.00	100	5.0	.0	2.73	16	61.15	15.68
8622.0	.00	100	4.8	.0	2.72	13	61.10	15.68
8623.0	.00	100	4.3	.0	2.72	16	61.05	15.68
8624.0	.00	100	4.8	.0	2.72	15	61.01	15.68
8625.0	.01	100	6.0	.0	2.71	10	60.96	15.68
8626.0	.01	100	5.6	.0	2.72	9	60.89	15.68
8627.0	.00	100	3.8	.0	2.71	18	60.84	15.68
8628.0	.00	100	1.9	.0	2.71	27	60.81	15.68
8629.0	.00	100	1.5	.0	2.66	39	60.79	15.68
8630.0	.00	100	3.5	.0	2.65	33	60.77	15.68
8631.0	.00	100	4.2	.0	2.65	36	60.73	15.68
8632.0	.03	100	6.9	.0	2.65	37	60.68	15.68
8633.0	.01	100	6.0	.0	2.65	45	60.62	15.68
8634.0	.00	100	2.8	.0	2.65	48	60.57	15.68
8635.0	.00	100	1.6	.0	2.65	34	60.54	15.68
8636.0	.00	100	2.6	.0	2.65	32	60.52	15.68
8637.0	.00	100	2.8	.0	2.65	46	60.49	15.68
8639.0	.01	100	5.5	.0	2.65	44	60.45	15.68
8641.0	.01	100	5.6	.0	2.65	48	60.40	15.68
8642.0	.02	100	6.7	.0	2.65	33	60.34	15.68
8643.0	.05	100	7.5	.0	2.65	26	60.27	15.68
8644.0	.14	100	9.1	.0	2.65	19	60.19	15.68
8645.0	.13	100	8.9	.0	2.65	18	60.10	15.68
8646.0	.09	100	8.5	.0	2.65	20	60.01	15.68

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8647.0	.06	100	7.8	.0	2.65	25	59.93	15.68
8648.0	.02	100	6.5	.0	2.65	41	59.85	15.68
8654.0	.03	100	7.1	.0	2.83	40	59.79	15.68
8655.0	.10	100	8.6	.0	2.84	28	59.71	15.68
8656.0	.11	100	8.7	.0	2.80	27	59.63	15.68
8657.0	.00	100	.0	.0	2.74	29	59.57	15.68
8658.0	.00	100	.0	.0	2.69	32	59.57	15.68
8659.0	.00	100	1.3	.0	2.71	39	59.56	15.68
8671.0	.01	100	6.2	.0	2.81	46	59.55	15.68
8672.0	.01	100	6.2	.0	2.75	29	59.49	15.68
8673.0	.00	100	3.9	.0	2.71	21	59.43	15.68
8674.0	.00	100	3.1	.0	2.71	20	59.39	15.68
8675.0	.00	100	3.3	.0	2.71	19	59.36	15.68
8676.0	.00	100	3.9	.0	2.70	21	59.33	15.68
8677.0	.00	100	3.8	.0	2.72	21	59.29	15.68
8678.0	.00	100	3.2	.0	2.73	27	59.25	15.68
8679.0	.00	100	4.7	.0	2.73	22	59.22	15.68
8680.0	.02	100	6.3	.0	2.73	15	59.17	15.68
8681.0	.01	100	6.0	.0	2.73	18	59.10	15.68
8682.0	.01	100	5.5	.0	2.72	26	59.05	15.68
8683.0	.00	100	4.0	.0	2.72	36	58.99	15.68
8686.0	.00	100	3.0	.0	2.68	37	58.94	15.68
8687.0	.00	100	2.3	.0	2.67	37	58.92	15.68
8688.0	.00	100	2.2	.0	2.67	39	58.89	15.68
8689.0	.00	100	2.7	.0	2.68	37	58.87	15.68
8690.0	.00	100	2.9	.0	2.69	41	58.84	15.68
8691.0	.00	100	2.6	.0	2.70	49	58.81	15.68
8692.0	.00	100	2.7	.0	2.70	44	58.79	15.68
8693.0	.00	100	2.9	.0	2.69	31	58.76	15.68
8694.0	.00	100	3.7	.0	2.70	24	58.73	15.68
8695.0	.00	100	4.2	.0	2.72	28	58.69	15.68
8696.0	.00	100	5.1	.0	2.76	34	58.65	15.68
8697.0	.01	100	5.8	.0	2.79	46	58.59	15.68
8699.0	.04	100	7.2	.0	2.73	39	58.53	15.68
8700.0	.01	100	5.5	.0	2.69	34	58.47	15.68
8701.0	.00	100	4.1	.0	2.66	36	58.41	15.68
8702.0	.00	100	2.5	.0	2.66	44	58.38	15.68
8703.0	.00	100	1.9	.0	2.66	43	58.35	15.68
8704.0	.00	100	2.5	.0	2.68	30	58.33	15.68
8705.0	.00	100	2.5	.0	2.67	28	58.31	15.68
8706.0	.00	100	2.7	.0	2.66	29	58.28	15.68
8707.0	.00	100	3.0	.0	2.65	26	58.25	15.68
8708.0	.00	100	4.7	.0	2.65	22	58.22	15.68
8709.0	.01	100	6.0	.0	2.65	27	58.17	15.68

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8710.0	.02	100	6.7	.0	2.65	39	58.11	15.68
8718.0	.00	100	3.5	.0	2.65	36	57.96	15.68
8719.0	.00	100	4.0	.0	2.65	33	57.93	15.68
8720.0	.00	100	2.5	.0	2.65	49	57.89	15.68
8723.0	.00	100	5.2	.0	2.73	44	57.87	15.68
8724.0	.01	100	5.6	.0	2.65	38	57.82	15.68
8725.0	.00	100	3.6	.0	2.65	37	57.77	15.68
8726.0	.00	100	3.3	.0	2.65	47	57.73	15.68
8727.0	.00	100	2.3	.0	2.69	48	57.70	15.68
8732.0	.00	100	4.8	.0	2.66	45	57.66	15.68
8733.0	.00	100	.0	.0	2.65	38	57.63	15.68
8734.0	.00	100	1.1	.0	2.66	49	57.63	15.68
8735.0	.00	100	1.4	.0	2.69	48	57.61	15.68
8761.0	.00	100	4.1	.0	2.65	49	57.56	15.68
8774.0	.00	100	2.2	.0	2.77	47	57.53	15.68
8775.0	.00	100	.8	.0	2.82	47	57.51	15.68
8776.0	.00	100	.4	.0	2.80	43	57.50	15.68
8777.0	.00	100	.0	.0	2.75	42	57.50	15.68
8778.0	.00	100	.0	.0	2.72	38	57.50	15.68
8779.0	.00	100	.0	.0	2.76	43	57.50	15.68
8800.0	.04	30	6.2	2.1	2.68	48	57.50	15.68
8801.0	.08	24	6.5	2.7	2.65	32	57.43	15.64
8802.0	.14	22	7.0	2.5	2.65	22	57.37	15.59
8803.0	.33	21	7.9	2.5	2.65	17	57.30	15.53
8804.0	.25	24	7.8	1.0	2.65	19	57.22	15.47
8805.0	.29	25	8.2	.0	2.65	19	57.14	15.41
8806.0	.08	31	7.0	.0	2.66	27	57.06	15.35
8807.0	.08	31	7.1	1.6	2.68	22	56.99	15.30
8808.0	.13	28	7.5	1.8	2.68	16	56.92	15.25
8809.0	.14	25	7.2	1.9	2.66	15	56.84	15.20
8810.0	.26	23	7.8	2.9	2.65	13	56.77	15.14
8811.0	.37	23	8.3	2.9	2.65	12	56.69	15.08
8812.0	.26	26	8.1	2.1	2.65	12	56.60	15.02
8813.0	.15	28	7.7	1.9	2.65	12	56.52	14.96
8814.0	.02	41	6.1	1.0	2.65	20	56.45	14.91
8815.0	.03	36	6.3	.6	2.65	23	56.39	14.88
8816.0	.00	50	5.1	.0	2.65	33	56.33	14.84
8819.0	.00	86	2.3	.7	2.65	36	56.28	14.82
8820.0	.00	75	2.5	1.2	2.65	31	56.26	14.82
8821.0	.00	100	2.2	1.5	2.65	34	56.23	14.81
8822.0	.00	54	3.9	3.2	2.65	32	56.21	14.81

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8823.0	.10	29	7.2	4.1	2.65	23	56.16	14.79
8824.0	.21	26	7.9	2.5	2.65	21	56.08	14.73
8825.0	.03	40	6.4	.5	2.65	24	56.01	14.68
8826.0	.01	50	5.7	.0	2.65	27	55.95	14.65
8827.0	.00	53	5.0	.0	2.65	29	55.89	14.62
8828.0	.00	57	4.2	.0	2.65	28	55.84	14.60
8829.0	.00	58	3.8	.8	2.65	29	55.80	14.58
8830.0	.00	44	4.1	1.8	2.65	32	55.77	14.56
8831.0	.00	48	3.5	1.8	2.66	42	55.73	14.54
8832.0	.00	53	3.5	2.2	2.66	47	55.69	14.53
8864.0	.00	100	4.5	.0	2.69	45	55.65	14.51
8865.0	.00	100	3.2	.0	2.69	39	55.61	14.51
8866.0	.00	100	1.9	.0	2.71	36	55.58	14.51
8867.0	.00	100	1.7	.0	2.74	37	55.57	14.51
8868.0	.00	100	2.2	.0	2.76	40	55.55	14.51
8869.0	.00	100	2.5	.0	2.77	45	55.52	14.51
8870.0	.00	100	2.7	.0	2.78	41	55.50	14.51
8871.0	.00	100	2.0	.0	2.77	43	55.47	14.51
8888.0	.04	32	6.4	.2	2.77	36	55.43	14.49
8889.0	.01	48	5.7	.0	2.71	36	55.36	14.45
8890.0	.01	53	5.9	.0	2.71	34	55.31	14.42
8891.0	.04	42	6.9	.0	2.72	28	55.25	14.39
8892.0	.02	45	6.4	.0	2.72	27	55.18	14.35
8893.0	.00	78	4.3	.0	2.72	32	55.12	14.32
8894.0	.00	100	2.8	.0	2.72	40	55.08	14.31
8895.0	.00	100	3.3	.0	2.71	43	55.05	14.31
8896.0	.00	69	4.2	.0	2.71	40	55.02	14.31
8897.0	.00	71	4.3	.0	2.72	35	54.97	14.30
8898.0	.00	78	4.1	.0	2.72	35	54.93	14.29
8899.0	.00	63	4.4	.0	2.75	37	54.89	14.28
8900.0	.00	60	4.9	.0	2.77	40	54.84	14.26
8901.0	.00	62	4.9	.0	2.76	48	54.79	14.24
8902.0	.00	56	5.2	.0	2.76	49	54.75	14.22
8908.0	.00	100	.5	.0	2.69	49	54.72	14.21
8929.0	.00	100	4.3	.7	2.81	45	54.72	14.21
8930.0	.00	95	4.8	.0	2.76	32	54.67	14.21
8931.0	.01	65	5.4	.0	2.75	30	54.62	14.20
8932.0	.01	64	5.6	.0	2.75	38	54.57	14.18
8933.0	.01	67	5.8	.0	2.73	40	54.51	14.16
8934.0	.01	74	5.5	.0	2.71	45	54.45	14.14
8935.0	.00	83	5.2	.0	2.71	48	54.40	14.13
8936.0	.01	70	5.8	.0	2.70	45	54.35	14.12
8937.0	.01	74	5.4	.0	2.71	46	54.29	14.10
8938.0	.00	100	4.1	.0	2.76	42	54.24	14.09

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
8939.0	.00	100	2.6	.0	2.79	45	54.20	14.09
8942.0	.01	71	5.5	.5	2.79	35	54.15	14.09
8943.0	.01	69	5.8	.3	2.75	22	54.10	14.07
8944.0	.01	71	5.3	.0	2.72	22	54.04	14.06
8945.0	.00	85	4.8	.0	2.72	32	53.99	14.04
8946.0	.00	100	3.2	.0	2.75	49	53.94	14.04
8952.0	.00	100	2.7	.5	2.76	46	53.93	14.04
8953.0	.00	93	3.2	.0	2.76	38	53.90	14.04
8954.0	.00	100	2.2	.0	2.74	44	53.87	14.04
8955.0	.00	100	2.1	.0	2.73	47	53.85	14.04
8957.0	.00	100	1.5	.0	2.70	49	53.83	14.04
8958.0	.00	100	2.1	.0	2.73	41	53.81	14.04
8959.0	.00	100	2.5	.0	2.75	39	53.79	14.04
8960.0	.00	100	2.8	.0	2.75	39	53.76	14.04
8961.0	.00	100	3.9	.0	2.75	37	53.73	14.04
8962.0	.01	67	5.3	.0	2.74	32	53.69	14.03
8963.0	.00	71	5.0	.0	2.74	35	53.64	14.01
8966.0	.00	100	4.0	.1	2.75	47	53.59	14.01
8967.0	.02	55	6.7	.4	2.69	44	53.54	14.00
8968.0	.02	70	6.7	.0	2.71	44	53.48	13.97
8969.0	.01	96	6.2	.0	2.75	48	53.41	13.95
8974.0	.00	100	4.9	2.1	2.70	49	53.38	13.95
8975.0	.00	100	2.8	1.4	2.71	44	53.33	13.95
8976.0	.00	100	1.1	.0	2.70	44	53.31	13.95
8977.0	.00	100	1.3	.0	2.71	37	53.30	13.95
8978.0	.00	100	2.1	.0	2.73	28	53.29	13.95
8979.0	.00	100	2.2	.0	2.72	29	53.26	13.95
8980.0	.00	100	2.3	.0	2.73	38	53.24	13.95
8983.0	.00	92	4.8	.0	2.79	47	53.23	13.95
8984.0	.00	78	5.1	.0	2.75	34	53.18	13.95
8985.0	.02	53	6.5	.0	2.71	30	53.13	13.93
8986.0	.07	44	7.8	.0	2.71	26	53.06	13.90
8987.0	.06	45	7.7	.0	2.73	22	52.98	13.85
8988.0	.08	43	7.9	.0	2.73	17	52.90	13.81
8989.0	.13	39	8.3	.0	2.72	17	52.82	13.76
8990.0	.03	52	6.9	.0	2.74	24	52.74	13.72
8991.0	.00	100	4.3	.0	2.75	38	52.68	13.69
8994.0	.00	100	4.1	.0	2.72	45	52.62	13.69
8995.0	.00	100	2.8	.0	2.70	49	52.58	13.69
9001.0	.00	97	4.1	.0	2.78	41	52.57	13.69

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9002.0	.05	47	7.5	.0	2.73	21	52.52	13.68
9003.0	.37	36	9.6	.0	2.69	19	52.44	13.63
9004.0	.08	47	8.1	.0	2.67	32	52.34	13.58
9005.0	.02	67	6.4	2.1	2.66	46	52.27	13.54
9010.0	.00	100	3.4	.0	2.65	49	52.24	13.53
9011.0	.00	100	2.8	.2	2.65	46	52.20	13.53
9012.0	.00	59	4.6	2.4	2.65	26	52.17	13.53
9013.0	.01	39	5.5	3.5	2.65	21	52.12	13.50
9014.0	.02	35	6.0	3.4	2.65	25	52.07	13.47
9015.0	.01	39	5.6	3.3	2.65	35	52.01	13.43
9016.0	.01	45	5.6	2.6	2.66	38	51.95	13.40
9017.0	.01	47	5.8	1.0	2.68	37	51.90	13.37
9018.0	.07	37	7.3	1.9	2.65	35	51.83	13.34
9020.0	.04	42	6.9	1.8	2.65	42	51.69	13.24
9020.0	.04	42	6.9	1.8	2.65	42	51.69	13.24
9021.0	.01	58	5.4	.9	2.65	46	51.62	13.21
9032.0	.01	51	6.0	.0	2.65	39	51.55	13.18
9033.0	.02	50	6.6	.8	2.65	36	51.48	13.15
9034.0	.01	57	6.2	1.1	2.65	37	51.42	13.12
9035.0	.01	72	5.8	1.8	2.65	46	51.36	13.10
9040.0	.00	73	4.9	3.2	2.65	44	51.31	13.08
9041.0	.00	80	4.5	3.0	2.65	49	51.26	13.07
9042.0	.01	55	5.9	3.2	2.65	49	51.23	13.07
9044.0	.02	56	6.5	1.0	2.68	45	51.18	13.04
9045.0	.04	50	7.3	.5	2.67	38	51.11	13.01
9046.0	.07	50	8.0	.0	2.69	33	51.03	12.97
9047.0	.02	78	6.7	.0	2.70	44	50.96	12.94
9053.0	.04	49	7.4	1.0	2.78	38	50.92	12.93
9054.0	.17	37	8.5	.0	2.72	23	50.84	12.89
9055.0	.20	35	8.5	1.0	2.70	22	50.76	12.83
9056.0	.08	41	7.9	.0	2.71	24	50.68	12.78
9057.0	.09	45	8.1	.0	2.73	21	50.60	12.74
9058.0	.20	41	9.1	.0	2.73	16	50.51	12.69
9059.0	.17	43	9.0	.0	2.73	16	50.42	12.64
9060.0	.01	74	6.0	.0	2.69	39	50.34	12.59
9061.0	.00	100	3.4	.0	2.67	49	50.29	12.58
9062.0	.00	100	2.4	.0	2.67	48	50.25	12.58
9063.0	.00	100	2.1	.5	2.68	47	50.23	12.58
9072.0	.00	100	2.0	.0	2.65	49	50.20	12.58
9103.0	.01	100	5.7	.0	2.70	48	50.19	12.58
9104.0	.03	100	6.9	.0	2.70	42	50.13	12.58

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9105.0	.07	98	8.1	.0	2.66	32	50.06	12.58
9106.0	.05	100	7.7	.0	2.67	31	49.97	12.58
9107.0	.00	100	5.1	.0	2.70	34	49.90	12.58
9108.0	.00	100	2.2	.0	2.71	40	49.86	12.58
9109.0	.00	100	1.3	.0	2.70	45	49.84	12.58
9110.0	.00	100	2.5	.2	2.69	45	49.82	12.58
9132.0	.00	100	.0	.0	2.78	44	49.80	12.58
9137.0	.00	100	1.1	.0	2.68	48	49.80	12.58
9138.0	.00	100	.0	.0	2.68	49	49.79	12.58
9148.0	.02	75	6.5	3.2	2.70	39	49.79	12.58
9149.0	.01	80	5.4	2.4	2.68	35	49.73	12.57
9150.0	.01	62	6.3	3.1	2.66	31	49.67	12.55
9151.0	.03	57	7.0	2.2	2.67	27	49.61	12.53
9152.0	.09	49	8.4	1.9	2.68	26	49.54	12.50
9153.0	.08	54	8.3	1.5	2.68	30	49.45	12.45
9154.0	.06	65	7.9	1.7	2.67	34	49.37	12.42
9155.0	.05	72	7.6	1.6	2.70	36	49.29	12.39
9156.0	.04	77	7.3	.7	2.72	39	49.22	12.37
9157.0	.03	85	6.9	.4	2.73	42	49.14	12.36
9158.0	.02	87	6.6	1.3	2.72	45	49.08	12.35
9159.0	.04	73	7.3	2.8	2.70	39	49.01	12.34
9160.0	.02	76	6.6	2.8	2.67	45	48.94	12.32
9161.0	.01	81	6.0	2.4	2.68	49	48.87	12.30
9162.0	.01	79	6.0	2.1	2.68	49	48.81	12.29
9164.0	.03	66	7.1	1.1	2.65	40	48.75	12.28
9165.0	.05	54	7.7	1.1	2.65	35	48.68	12.25
9166.0	.04	55	7.4	1.3	2.65	37	48.60	12.21
9167.0	.03	63	7.0	.8	2.65	41	48.53	12.18
9168.0	.02	74	6.4	.4	2.65	46	48.46	12.16
9169.0	.03	66	7.0	1.3	2.65	41	48.39	12.14
9170.0	.10	50	8.5	1.7	2.65	28	48.32	12.12
9171.0	.15	46	9.0	1.3	2.65	25	48.23	12.07
9172.0	.24	43	9.5	1.8	2.65	21	48.14	12.02
9173.0	.07	52	8.2	.8	2.65	24	48.05	11.97
9174.0	.02	68	6.5	.7	2.65	33	47.97	11.94
9175.0	.01	73	6.2	2.8	2.65	35	47.91	11.92
9176.0	.00	97	5.0	3.7	2.65	39	47.85	11.90
9177.0	.00	100	3.9	2.7	2.65	45	47.80	11.90
9183.0	.00	100	3.9	.0	2.68	38	47.76	11.90
9184.0	.00	100	3.7	.0	2.69	31	47.72	11.90
9185.0	.00	100	4.0	.0	2.68	27	47.69	11.90
9186.0	.00	100	4.4	.0	2.68	29	47.64	11.90
9187.0	.00	100	4.9	.0	2.68	33	47.60	11.90

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9188.0	.00	100	4.6	1.6	2.65	41	47.55	11.90
9189.0	.00	100	3.5	1.6	2.66	42	47.51	11.90
9190.0	.00	100	2.0	.0	2.69	35	47.47	11.90
9191.0	.00	100	1.1	.0	2.67	35	47.46	11.90
9192.0	.00	100	1.3	.0	2.66	43	47.45	11.90
9205.0	.00	100	1.9	.0	2.74	45	47.43	11.90
9210.0	.00	100	4.9	.0	2.74	41	47.39	11.90
9211.0	.01	100	5.4	.0	2.69	35	47.34	11.90
9212.0	.01	100	5.3	.0	2.68	32	47.29	11.90
9213.0	.00	100	5.0	.0	2.69	23	47.23	11.90
9214.0	.00	90	4.5	.0	2.70	16	47.19	11.90
9215.0	.00	100	3.7	.0	2.70	16	47.14	11.90
9216.0	.00	100	3.2	.0	2.68	21	47.11	11.90
9217.0	.00	100	3.9	.2	2.67	24	47.07	11.90
9218.0	.00	90	4.9	.9	2.65	31	47.03	11.90
9219.0	.02	65	6.6	.6	2.65	27	46.98	11.89
9220.0	.04	61	7.4	.0	2.65	32	46.91	11.86
9221.0	.24	46	9.6	.5	2.66	19	46.83	11.83
9222.0	.56	42	10.8	1.3	2.65	9	46.73	11.77
9223.0	.38	46	10.5	.9	2.66	12	46.62	11.71
9224.0	.25	51	10.0	.6	2.67	16	46.52	11.66
9225.0	.18	55	9.5	1.0	2.67	21	46.42	11.61
9226.0	.13	59	9.0	1.2	2.67	24	46.33	11.57
9227.0	.06	68	8.0	1.5	2.65	33	46.24	11.54
9228.0	.07	65	8.0	1.5	2.65	33	46.16	11.51
9229.0	.03	79	6.9	1.2	2.65	42	46.08	11.49
9230.0	.01	88	6.1	2.0	2.65	49	46.02	11.47
9231.0	.02	80	6.4	2.8	2.66	47	45.95	11.47
9232.0	.03	64	6.9	4.4	2.66	42	45.89	11.45
9233.0	.01	77	5.6	4.3	2.66	45	45.82	11.43
9252.0	.01	64	6.1	3.7	2.74	49	45.77	11.42
9253.0	.00	75	4.0	1.8	2.67	41	45.72	11.40
9254.0	.00	100	2.8	.0	2.65	41	45.68	11.40
9255.0	.00	100	2.8	.0	2.67	41	45.65	11.40
9256.0	.00	94	4.4	.0	2.70	31	45.62	11.40
9257.0	.01	78	5.7	.0	2.68	25	45.57	11.39
9258.0	.01	84	6.1	.0	2.67	27	45.52	11.38
9259.0	.01	90	6.1	.0	2.66	30	45.46	11.37
9260.0	.02	79	6.6	1.5	2.68	25	45.39	11.36
9261.0	.02	74	6.5	4.7	2.68	22	45.33	11.35
9262.0	.00	100	4.3	3.3	2.68	30	45.27	11.34
9263.0	.00	100	1.0	.0	2.71	45	45.23	11.34
9266.0	.00	100	.0	.0	2.73	37	45.23	11.34
9267.0	.00	100	.1	.0	2.74	38	45.23	11.34

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9268.0	.00	100	1.0	.0	2.76	42	45.22	11.34
9269.0	.00	100	1.1	.5	2.75	48	45.21	11.34
9298.0	.00	100	2.1	.0	2.65	47	45.21	11.34
9302.0	.00	100	3.4	.0	2.66	43	45.19	11.34
9303.0	.01	100	5.2	.0	2.69	17	45.15	11.34
9304.0	.05	50	7.7	1.2	2.68	13	45.07	11.31
9305.0	.01	64	5.7	.0	2.69	17	45.01	11.28
9306.0	.02	69	6.4	.0	2.68	23	44.95	11.26
9307.0	.01	98	5.7	.0	2.66	31	44.88	11.25
9308.0	.00	100	3.2	.0	2.67	44	44.83	11.25
9310.0	.00	100	3.0	.0	2.72	45	44.79	11.25
9311.0	.00	100	4.1	.0	2.74	40	44.76	11.25
9312.0	.00	100	4.5	.0	2.72	24	44.72	11.25
9313.0	.01	100	5.3	.0	2.70	15	44.67	11.25
9314.0	.02	93	6.5	.0	2.69	9	44.62	11.25
9315.0	.05	78	7.6	.0	2.69	7	44.55	11.24
9316.0	.07	79	8.2	.0	2.69	11	44.47	11.22
9317.0	.04	90	7.3	.0	2.68	20	44.39	11.21
9318.0	.01	100	5.5	.0	2.68	31	44.32	11.20
9319.0	.00	100	3.2	.0	2.68	44	44.27	11.20
9323.0	.00	100	1.5	.0	2.65	45	44.25	11.20
9325.0	.00	100	2.1	.0	2.71	35	44.23	11.20
9326.0	.00	100	2.8	.0	2.69	21	44.21	11.20
9327.0	.00	100	4.5	.0	2.67	25	44.18	11.20
9328.0	.00	100	5.0	.0	2.66	28	44.13	11.20
9329.0	.01	84	6.1	.0	2.69	28	44.08	11.20
9330.0	.01	100	5.5	.0	2.70	36	44.02	11.20
9331.0	.00	100	4.1	.0	2.70	33	43.97	11.20
9332.0	.00	100	2.3	.0	2.68	48	43.93	11.20
9333.0	.00	100	3.1	.0	2.65	48	43.92	11.20
9334.0	.00	100	4.1	.0	2.65	42	43.88	11.20
9335.0	.00	100	3.2	.0	2.65	49	43.84	11.20
9350.0	.00	100	.9	.0	2.78	48	43.81	11.20
9351.0	.00	100	.0	.0	2.74	39	43.81	11.20
9352.0	.00	100	.0	.0	2.72	33	43.81	11.20
9353.0	.00	100	.0	.0	2.78	31	43.81	11.20
9370.0	.00	100	.2	.0	2.76	45	43.81	11.20
9371.0	.00	100	.0	.0	2.72	42	43.81	11.20
9372.0	.00	100	.0	.0	2.71	47	43.81	11.20
9373.0	.00	100	.1	.0	2.71	42	43.81	11.20
9374.0	.00	100	.3	.0	2.70	36	43.80	11.20

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9375.0	.00	100	.5	.0	2.70	42	43.80	11.20
9376.0	.00	100	1.0	.0	2.74	42	43.79	11.20
9377.0	.00	100	1.2	.0	2.77	41	43.78	11.20
9378.0	.00	100	1.9	.0	2.78	36	43.77	11.20
9379.0	.00	100	2.4	.0	2.79	41	43.75	11.20
9384.0	.00	100	2.7	.0	2.78	39	43.71	11.20
9385.0	.00	100	2.4	.0	2.75	27	43.68	11.20
9386.0	.00	100	1.5	.0	2.73	22	43.66	11.20
9387.0	.00	100	.4	.0	2.72	22	43.65	11.20
9388.0	.00	100	.5	.0	2.74	32	43.65	11.20
9389.0	.00	100	.4	.0	2.77	44	43.64	11.20
9390.0	.00	100	1.3	.0	2.75	36	43.64	11.20
9391.0	.00	100	1.6	.0	2.72	43	43.62	11.20
9392.0	.00	100	2.0	.0	2.74	46	43.60	11.20
9393.0	.00	100	1.7	.0	2.75	45	43.58	11.20
9394.0	.00	100	1.5	.0	2.76	40	43.57	11.20
9395.0	.00	100	1.8	.0	2.77	34	43.55	11.20
9396.0	.00	100	1.4	.0	2.76	28	43.53	11.20
9397.0	.00	100	.8	.0	2.75	25	43.52	11.20
9398.0	.00	100	.1	.0	2.73	28	43.52	11.20
9399.0	.00	100	.0	.0	2.74	31	43.51	11.20
9400.0	.00	100	.0	.0	2.80	46	43.51	11.20
9410.0	.00	100	.2	.0	2.80	49	43.51	11.20
9411.0	.00	100	1.0	.0	2.75	34	43.51	11.20
9412.0	.00	100	.1	.0	2.76	37	43.50	11.20
9413.0	.00	100	.0	.0	2.76	39	43.50	11.20
9414.0	.00	100	.0	.0	2.76	44	43.50	11.20
9415.0	.00	100	.0	.0	2.79	47	43.50	11.20
9416.0	.00	100	.0	.0	2.82	48	43.50	11.20
9419.0	.00	100	2.9	.0	2.79	28	43.49	11.20
9420.0	.00	100	4.4	.0	2.75	16	43.46	11.20
9421.0	.00	100	4.6	.0	2.74	17	43.41	11.20
9422.0	.00	100	3.4	.0	2.75	25	43.37	11.20
9423.0	.00	100	2.2	.0	2.78	36	43.34	11.20
9426.0	.00	100	1.9	.0	2.83	31	43.31	11.20
9427.0	.00	100	1.1	.0	2.79	27	43.30	11.20
9428.0	.00	100	.9	.0	2.79	32	43.28	11.20
9429.0	.00	100	.8	.0	2.81	30	43.28	11.20
9430.0	.00	100	.1	.0	2.82	32	43.27	11.20
9431.0	.00	100	.0	.0	2.85	39	43.27	11.20
9442.0	.00	100	2.5	.0	2.68	49	43.26	11.20
9443.0	.00	100	3.6	.0	2.67	48	43.23	11.20
9444.0	.00	100	3.8	.0	2.68	47	43.19	11.20

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9445.0	.00	100	3.8	.0	2.68	43	43.16	11.20
9446.0	.00	100	3.5	.0	2.68	44	43.12	11.20
9447.0	.00	100	3.4	.0	2.69	48	43.08	11.20
9448.0	.00	100	2.1	.0	2.71	46	43.05	11.20
9449.0	.00	100	2.5	.0	2.71	41	43.03	11.20
9450.0	.00	100	3.3	.0	2.70	39	43.01	11.20
9451.0	.00	100	3.5	.0	2.69	39	42.97	11.20
9452.0	.00	100	4.1	.0	2.68	35	42.94	11.20
9453.0	.00	100	3.7	.0	2.69	33	42.89	11.20
9454.0	.00	100	2.6	.0	2.70	27	42.86	11.20
9455.0	.00	100	1.7	.0	2.70	21	42.84	11.20
9456.0	.00	100	1.9	.0	2.72	16	42.82	11.20
9457.0	.00	100	3.1	.0	2.73	17	42.80	11.20
9458.0	.00	73	4.9	.0	2.74	19	42.76	11.19
9459.0	.02	54	6.3	.0	2.74	20	42.71	11.18
9460.0	.02	57	6.8	.0	2.73	23	42.64	11.15
9461.0	.01	84	5.8	.0	2.71	29	42.58	11.12
9462.0	.00	100	3.7	.0	2.72	39	42.52	11.12
9467.0	.00	100	1.6	.0	2.81	31	42.49	11.12
9468.0	.00	100	.7	.0	2.80	25	42.47	11.12
9469.0	.00	100	.0	.0	2.76	26	42.47	11.12
9470.0	.00	100	1.1	.0	2.73	20	42.47	11.12
9471.0	.00	100	1.6	.0	2.74	17	42.45	11.12
9472.0	.00	100	1.0	.0	2.75	22	42.44	11.12
9473.0	.00	100	.6	.0	2.75	30	42.43	11.12
9474.0	.00	100	1.4	.0	2.74	23	42.42	11.12
9475.0	.00	100	2.0	.0	2.73	19	42.41	11.12
9476.0	.00	100	2.3	.0	2.71	24	42.39	11.12
9477.0	.00	100	2.5	.0	2.72	27	42.36	11.12
9478.0	.00	100	2.3	.0	2.72	22	42.34	11.12
9479.0	.00	100	1.6	.0	2.72	28	42.32	11.12
9480.0	.00	100	1.3	.0	2.71	41	42.30	11.12
9481.0	.00	100	1.6	.0	2.74	44	42.29	11.12
9482.0	.00	100	3.5	.0	2.76	34	42.27	11.12
9483.0	.01	67	5.8	.0	2.75	16	42.23	11.11
9484.0	.01	66	5.9	.0	2.75	10	42.17	11.09
9485.0	.01	72	5.6	.0	2.73	9	42.11	11.08
9486.0	.00	86	4.8	.0	2.73	14	42.06	11.06
9487.0	.00	97	4.1	.0	2.73	20	42.01	11.06
9488.0	.00	100	2.8	.0	2.73	28	41.97	11.06
9489.0	.00	100	1.3	.0	2.73	37	41.95	11.06
9490.0	.00	100	.9	.0	2.72	36	41.94	11.06
9491.0	.00	100	1.6	.0	2.72	23	41.93	11.06
9492.0	.00	100	1.3	.0	2.71	24	41.91	11.06
9493.0	.00	100	.0	.0	2.73	31	41.90	11.06
9494.0	.00	100	.0	.0	2.81	34	41.90	11.06
9508.0	.00	100	.6	.0	2.76	43	41.90	11.06

Schlumberger

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9509.0	.00	100	1.6	.0	2.76	37	41.89	11.06
9510.0	.00	100	2.3	.0	2.77	35	41.87	11.06
9511.0	.00	100	2.0	.0	2.76	36	41.85	11.06
9512.0	.00	100	1.5	.0	2.75	37	41.83	11.06
9513.0	.00	100	1.3	.0	2.78	40	41.82	11.06
9514.0	.00	100	.8	.0	2.82	45	41.81	11.06
9515.0	.00	100	.5	.0	2.83	44	41.80	11.06
9516.0	.00	100	1.1	.0	2.77	38	41.79	11.06
9517.0	.00	100	.9	.0	2.78	36	41.78	11.06
9518.0	.00	100	.9	.0	2.82	36	41.77	11.06
9519.0	.00	100	1.7	.0	2.79	34	41.76	11.06
9520.0	.00	100	2.3	.0	2.75	36	41.75	11.06
9521.0	.00	100	2.9	.0	2.75	30	41.72	11.06
9522.0	.00	100	4.2	.0	2.73	31	41.69	11.06
9523.0	.00	89	4.6	.0	2.69	34	41.64	11.05
9524.0	.00	100	3.0	.0	2.73	35	41.60	11.05
9525.0	.00	100	3.5	.0	2.77	27	41.57	11.05
9526.0	.00	100	4.0	.0	2.74	30	41.54	11.05
9527.0	.01	68	5.4	.0	2.74	19	41.49	11.05
9528.0	.01	69	5.5	.0	2.73	18	41.44	11.03
9529.0	.00	100	3.8	.0	2.72	28	41.38	11.02
9531.0	.00	100	.0	.0	2.78	46	41.35	11.02
9532.0	.00	100	.0	.0	2.80	41	41.35	11.02
9533.0	.00	100	.0	.0	2.81	48	41.35	11.02
9536.0	.00	100	.0	.0	2.77	36	41.35	11.02
9537.0	.00	100	.0	.0	2.81	47	41.35	11.02
9554.0	.00	100	.0	.0	2.74	48	41.35	11.02
9555.0	.00	100	.1	.0	2.75	48	41.35	11.02
9556.0	.00	100	1.1	.0	2.73	44	41.35	11.02
9557.0	.00	100	1.5	.0	2.68	44	41.34	11.02
9558.0	.00	100	1.3	.0	2.67	46	41.32	11.02
9561.0	.00	100	2.5	.0	2.67	48	41.30	11.02
9564.0	.00	100	1.9	.0	2.72	48	41.28	11.02
9565.0	.00	100	1.9	.0	2.75	44	41.26	11.02
9570.0	.00	100	2.2	.0	2.69	49	41.24	11.02
9571.0	.00	100	1.7	.0	2.74	35	41.22	11.02
9572.0	.00	100	1.8	.0	2.75	31	41.20	11.02
9573.0	.00	100	3.0	.0	2.78	31	41.18	11.02
9574.0	.00	73	5.1	.0	2.75	29	41.15	11.02
9575.0	.02	54	6.3	.0	2.72	29	41.09	11.00
9576.0	.00	88	4.5	.0	2.75	30	41.03	10.97
9577.0	.00	100	3.4	.0	2.76	28	40.99	10.97

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9578.0	.00	100	3.6	.0	2.78	28	40.96	10.97
9579.0	.00	100	3.3	.0	2.81	35	40.92	10.97
9580.0	.00	100	3.3	.0	2.83	38	40.89	10.97
9581.0	.00	100	2.7	.0	2.81	37	40.86	10.97
9582.0	.00	100	1.7	.0	2.81	39	40.83	10.97
9583.0	.00	100	2.4	.0	2.78	40	40.82	10.97
9584.0	.00	75	4.6	.0	2.74	31	40.79	10.97
9585.0	.02	44	6.2	.0	2.72	29	40.74	10.95
9586.0	.10	32	7.4	.0	2.72	20	40.67	10.91
9587.0	.09	33	7.4	.0	2.71	22	40.60	10.86
9588.0	.06	34	7.0	.0	2.70	26	40.52	10.81
9589.0	.02	41	6.1	.0	2.71	29	40.46	10.77
9590.0	.00	54	5.0	.0	2.72	32	40.40	10.74
9591.0	.01	50	5.5	.0	2.70	32	40.35	10.72
9592.0	.05	36	6.9	.0	2.68	28	40.29	10.69
9593.0	.27	29	8.5	.0	2.68	28	40.22	10.64
9594.0	.19	32	8.3	.0	2.69	30	40.13	10.58
9595.0	.16	33	8.2	.0	2.71	27	40.05	10.52
9596.0	.34	29	8.8	.2	2.68	25	39.97	10.47
9597.0	.30	30	8.7	.2	2.67	22	39.88	10.41
9598.0	.39	28	9.0	.0	2.68	16	39.79	10.34
9599.0	.36	29	8.9	.0	2.69	16	39.70	10.28
9600.0	.12	35	7.9	.0	2.71	19	39.61	10.22
9601.0	.05	41	7.1	.0	2.73	18	39.54	10.17
9602.0	.02	53	6.3	.0	2.73	16	39.47	10.13
9603.0	.01	79	5.4	.0	2.72	22	39.41	10.11
9604.0	.01	98	5.2	.0	2.71	27	39.36	10.10
9605.0	.01	86	5.9	.0	2.70	28	39.30	10.10
9606.0	.02	76	6.4	.0	2.71	27	39.24	10.09
9607.0	.02	74	6.4	.0	2.72	27	39.18	10.07
9608.0	.02	64	6.5	.0	2.71	25	39.11	10.06
9609.0	.01	61	6.0	.0	2.70	25	39.05	10.03
9610.0	.01	55	5.8	.0	2.69	20	38.99	10.01
9611.0	.00	63	4.7	.0	2.69	20	38.93	9.98
9612.0	.00	74	3.9	.0	2.69	18	38.89	9.97
9613.0	.00	100	2.7	.0	2.68	19	38.85	9.96
9614.0	.00	100	.9	.0	2.68	20	38.83	9.96
9615.0	.00	100	.1	.0	2.71	14	38.82	9.96
9616.0	.00	100	.3	.0	2.70	22	38.82	9.96
9617.0	.00	100	.3	.0	2.70	34	38.82	9.96
9618.0	.00	100	.3	.0	2.74	41	38.82	9.96
9619.0	.00	100	.9	.0	2.77	38	38.81	9.96
9620.0	.00	100	1.9	.0	2.74	30	38.80	9.96
9621.0	.00	100	2.4	.0	2.73	28	38.78	9.96
9622.0	.00	100	2.8	.0	2.72	28	38.76	9.96
9623.0	.00	100	2.5	.0	2.71	31	38.73	9.96
9624.0	.00	100	2.5	.0	2.70	41	38.71	9.96
9625.0	.00	100	3.5	.0	2.71	29	38.68	9.96

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9626.0	.00	100	2.3	.0	2.71	33	38.65	9.96
9628.0	.00	100	1.8	.0	2.82	41	38.62	9.96
9629.0	.00	100	1.6	.0	2.87	38	38.60	9.96
9630.0	.00	100	2.1	.0	2.91	42	38.59	9.96
9631.0	.00	100	1.7	.0	2.83	46	38.57	9.96
9634.0	.00	100	2.5	.0	2.74	38	38.54	9.96
9635.0	.00	100	2.6	.0	2.74	35	38.51	9.96
9639.0	.01	61	6.0	.0	2.70	41	38.47	9.96
9640.0	.07	44	7.7	.0	2.68	36	38.40	9.93
9641.0	.09	41	7.9	.0	2.68	34	38.33	9.89
9642.0	.04	47	7.1	.0	2.71	40	38.25	9.84
9643.0	.01	68	6.0	.0	2.69	49	38.18	9.81
9644.0	.00	100	4.3	.0	2.65	48	38.15	9.80
9645.0	.00	100	3.4	.0	2.65	49	38.13	9.80
9646.0	.00	100	3.5	.0	2.65	42	38.09	9.80
9647.0	.00	100	2.1	.0	2.70	33	38.06	9.80
9648.0	.00	100	1.8	.0	2.69	29	38.04	9.80
9649.0	.00	100	1.8	.0	2.67	35	38.02	9.80
9650.0	.00	100	2.2	.0	2.65	44	38.00	9.80
9654.0	.00	100	2.7	.0	2.67	43	37.96	9.80
9655.0	.00	100	3.0	.0	2.66	31	37.94	9.80
9656.0	.00	100	2.8	.0	2.66	31	37.91	9.80
9657.0	.00	100	2.4	.0	2.72	35	37.88	9.80
9658.0	.00	100	2.1	.0	2.77	39	37.86	9.80
9659.0	.00	100	3.2	.0	2.75	34	37.84	9.80
9660.0	.00	94	3.5	.0	2.72	30	37.80	9.80
9661.0	.00	83	3.7	.0	2.73	31	37.77	9.80
9662.0	.00	100	3.1	.0	2.74	42	37.73	9.79
9663.0	.00	86	3.6	.0	2.72	45	37.70	9.79
9664.0	.01	52	5.4	.0	2.70	32	37.66	9.78
9665.0	.00	59	5.0	.0	2.69	35	37.61	9.76
9666.0	.00	82	3.9	.0	2.70	42	37.56	9.74
9667.0	.00	65	4.4	.0	2.72	36	37.52	9.73
9668.0	.00	60	4.8	.0	2.72	35	37.47	9.72
9669.0	.00	55	4.8	.0	2.71	41	37.43	9.70
9670.0	.00	53	4.6	.0	2.70	42	37.38	9.68
9671.0	.00	100	2.9	.0	2.70	46	37.34	9.66
9676.0	.00	100	.2	.0	2.74	42	37.32	9.66
9677.0	.00	100	.2	.0	2.70	44	37.32	9.66
9682.0	.00	100	.0	.0	2.78	45	37.32	9.66
9683.0	.00	100	.0	.0	2.73	45	37.32	9.66
9684.0	.00	100	.2	.0	2.70	48	37.32	9.66

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9685.0	.00	100	.8	.0	2.71	45	37.31	9.66
9686.0	.00	100	1.4	.0	2.72	41	37.30	9.66
9687.0	.00	100	1.5	.0	2.74	41	37.29	9.66
9688.0	.00	100	2.4	.0	2.74	34	37.27	9.66
9689.0	.00	100	3.0	.0	2.73	27	37.25	9.66
9690.0	.00	93	3.7	.0	2.74	21	37.22	9.66
9691.0	.00	51	5.2	.0	2.72	18	37.18	9.65
9692.0	.02	39	6.2	.0	2.73	18	37.12	9.62
9693.0	.04	38	6.7	.0	2.73	22	37.06	9.58
9694.0	.07	35	7.1	.0	2.73	25	36.99	9.54
9695.0	.02	41	6.3	.0	2.73	27	36.92	9.50
9696.0	.01	48	5.9	.0	2.71	32	36.86	9.46
9697.0	.06	37	7.2	.0	2.71	33	36.80	9.43
9698.0	.27	32	8.7	.0	2.71	27	36.72	9.38
9699.0	.75	30	10.2	.0	2.70	15	36.63	9.32
9700.0	1.28	29	11.0	.0	2.70	8	36.52	9.24
9701.0	.84	33	10.7	.0	2.71	11	36.42	9.17
9702.0	.48	36	10.1	.0	2.70	15	36.31	9.10
9703.0	.44	36	9.9	.0	2.72	15	36.21	9.03
9704.0	.33	36	9.4	.0	2.72	18	36.11	8.97
9705.0	.10	40	8.0	.0	2.72	26	36.02	8.92
9706.0	.01	57	5.5	.0	2.73	35	35.94	8.87
9707.0	.00	100	2.9	.0	2.75	41	35.90	8.86
9708.0	.00	100	1.2	.0	2.78	41	35.87	8.86
9709.0	.00	100	1.0	.0	2.80	48	35.86	8.86
9713.0	.00	100	.9	.0	2.77	47	35.85	8.86
9714.0	.00	100	.0	.0	2.75	44	35.84	8.86
9715.0	.00	100	.3	.0	2.72	34	35.84	8.86
9716.0	.00	100	1.5	.0	2.73	22	35.83	8.86
9717.0	.00	100	2.4	.0	2.75	19	35.82	8.86
9718.0	.00	100	2.8	.0	2.76	27	35.79	8.86
9719.0	.00	100	3.4	.0	2.73	30	35.76	8.86
9720.0	.00	100	3.5	.0	2.74	25	35.73	8.86
9721.0	.00	100	3.4	.0	2.74	22	35.69	8.86
9722.0	.00	100	3.0	.0	2.73	21	35.66	8.86
9723.0	.00	100	2.0	.0	2.70	24	35.63	8.86
9724.0	.00	100	2.2	.0	2.69	27	35.61	8.86
9725.0	.00	100	2.9	.0	2.67	34	35.59	8.86
9726.0	.00	100	2.4	.0	2.68	42	35.56	8.86
9727.0	.00	100	1.7	.0	2.68	47	35.54	8.86
9728.0	.00	100	2.1	.0	2.65	44	35.52	8.86
9729.0	.00	100	2.5	.0	2.65	38	35.50	8.86
9730.0	.00	100	2.5	.0	2.65	35	35.47	8.86
9731.0	.00	100	2.1	.0	2.67	38	35.45	8.86
9732.0	.00	100	2.2	.2	2.65	48	35.43	8.86
9733.0	.00	100	3.6	.2	2.65	46	35.40	8.86
9734.0	.00	100	3.7	.0	2.68	48	35.38	8.86

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9735.0	.00	100	4.5	.0	2.67	47	35.35	8.86
9736.0	.00	100	4.9	.2	2.65	46	35.30	8.86
9739.0	.00	100	3.9	.0	2.74	46	35.25	8.86
9740.0	.00	100	4.1	.0	2.73	39	35.21	8.86
9741.0	.00	100	3.5	.0	2.72	35	35.17	8.86
9742.0	.00	100	2.9	.0	2.73	34	35.14	8.86
9743.0	.00	100	2.5	.0	2.73	36	35.11	8.86
9744.0	.00	100	2.4	.0	2.73	41	35.08	8.86
9745.0	.00	100	1.8	.0	2.72	48	35.06	8.86
9755.0	.00	98	4.6	.0	2.76	36	35.03	8.86
9756.0	.01	66	5.5	.3	2.74	33	34.98	8.85
9757.0	.02	47	6.5	.0	2.74	26	34.92	8.83
9758.0	.04	41	7.1	.0	2.75	24	34.85	8.79
9759.0	.05	42	7.1	.0	2.77	28	34.78	8.75
9760.0	.07	38	7.5	.2	2.75	32	34.71	8.71
9761.0	.05	40	7.1	.4	2.76	30	34.63	8.66
9762.0	.06	40	7.3	1.0	2.76	32	34.56	8.62
9763.0	.24	32	8.6	.9	2.73	28	34.49	8.57
9764.0	.21	33	8.5	.5	2.73	29	34.40	8.51
9765.0	.27	33	8.9	.0	2.69	26	34.31	8.46
9766.0	.30	34	9.1	.0	2.67	23	34.22	8.40
9767.0	.02	50	6.5	.0	2.68	36	34.14	8.34
9768.0	.00	100	2.5	.0	2.70	41	34.08	8.32
9769.0	.00	100	2.0	.0	2.70	34	34.06	8.32
9770.0	.00	100	1.9	.0	2.70	36	34.04	8.32
9771.0	.00	100	1.4	.0	2.69	35	34.02	8.32
9772.0	.00	100	.6	.0	2.69	28	34.01	8.32
9773.0	.00	100	.1	.0	2.71	20	34.01	8.32
9774.0	.00	100	.0	.0	2.73	22	34.00	8.32
9775.0	.00	100	.0	.0	2.73	18	34.00	8.32
9776.0	.00	100	.0	.0	2.73	25	34.00	8.32
9777.0	.00	100	.0	.0	2.75	40	34.00	8.32
9778.0	.00	100	.0	.0	2.75	49	34.00	8.32
9779.0	.00	100	.0	.0	2.75	48	34.00	8.32
9780.0	.00	100	.0	.0	2.76	48	34.00	8.32
9784.0	.00	100	.0	.0	2.72	43	34.00	8.32
9785.0	.00	100	.0	.0	2.71	39	34.00	8.32
9786.0	.00	100	.2	.0	2.70	42	34.00	8.32
9792.0	.00	100	2.6	.0	2.78	38	33.99	8.32
9793.0	.00	100	2.5	.0	2.75	24	33.96	8.32
9794.0	.00	100	2.3	.0	2.76	24	33.94	8.32
9795.0	.00	100	2.8	.0	2.77	24	33.91	8.32
9796.0	.00	100	2.4	.0	2.72	33	33.89	8.32
9797.0	.00	100	2.0	.1	2.69	47	33.86	8.32

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9800.0	.00	100	3.0	.0	2.67	29	33.84	8.32
9801.0	.01	62	5.6	.0	2.69	13	33.81	8.32
9802.0	.08	35	7.4	.0	2.69	10	33.75	8.29
9803.0	.05	39	7.0	.0	2.69	15	33.67	8.24
9804.0	.01	53	5.6	.0	2.70	22	33.60	8.21
9805.0	.00	61	5.0	.0	2.69	30	33.55	8.18
9806.0	.00	65	4.7	.0	2.67	41	33.50	8.17
9807.0	.00	62	5.0	.0	2.71	40	33.46	8.15
9808.0	.00	62	5.1	.0	2.72	37	33.41	8.13
9809.0	.01	53	5.6	.0	2.70	37	33.35	8.11
9810.0	.01	52	5.6	.0	2.70	36	33.30	8.08
9811.0	.00	83	3.8	.0	2.70	47	33.25	8.06
9814.0	.00	100	.0	.0	2.73	37	33.23	8.06
9815.0	.00	100	.0	.0	2.74	22	33.23	8.06
9816.0	.00	100	.0	.0	2.77	31	33.23	8.06
9817.0	.00	100	.0	.0	2.76	35	33.23	8.06
9818.0	.00	100	.0	.0	2.75	27	33.23	8.06
9819.0	.00	100	.0	.0	2.76	22	33.23	8.06
9820.0	.00	100	.0	.0	2.78	38	33.23	8.06
9823.0	.00	100	.0	.0	2.74	47	33.23	8.06
9824.0	.00	100	.0	.0	2.73	40	33.23	8.06
9825.0	.00	100	.0	.0	2.73	15	33.23	8.06
9826.0	.00	100	.0	.0	2.73	10	33.23	8.06
9827.0	.00	100	.0	.0	2.72	14	33.23	8.06
9828.0	.00	100	1.2	.0	2.73	16	33.23	8.06
9829.0	.00	73	3.7	.0	2.72	13	33.21	8.06
9830.0	.00	57	4.7	.0	2.72	17	33.17	8.04
9831.0	.00	52	5.0	.0	2.72	21	33.12	8.02
9832.0	.01	48	5.2	.0	2.71	28	33.07	8.00
9833.0	.00	81	3.5	.0	2.74	30	33.02	7.98
9834.0	.00	100	2.3	.0	2.76	26	32.99	7.97
9835.0	.00	100	.5	.0	2.76	34	32.97	7.97
9836.0	.00	100	.0	.0	2.82	33	32.97	7.97
9837.0	.00	100	.3	.0	2.82	34	32.97	7.97
9838.0	.00	100	1.3	.0	2.79	32	32.96	7.97
9839.0	.00	100	1.9	.0	2.76	36	32.94	7.97
9840.0	.00	100	1.6	.0	2.74	41	32.93	7.97
9841.0	.00	100	1.5	.0	2.74	41	32.91	7.97
9842.0	.00	100	2.9	.0	2.72	39	32.89	7.97
9843.0	.00	58	5.1	.0	2.70	36	32.86	7.97
9844.0	.01	51	5.7	.0	2.72	27	32.81	7.95
9845.0	.01	54	6.2	.0	2.74	23	32.75	7.92
9846.0	.02	50	6.4	.0	2.73	27	32.69	7.89
9847.0	.02	51	6.3	.0	2.72	31	32.62	7.86
9848.0	.00	71	5.0	.0	2.74	31	32.56	7.83

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9849.0	.00	100	3.6	.0	2.74	28	32.51	7.82
9850.0	.00	87	4.7	.0	2.72	24	32.48	7.82
9851.0	.02	55	6.4	.0	2.71	24	32.43	7.81
9852.0	.02	55	6.8	.0	2.70	30	32.36	7.78
9853.0	.01	63	6.2	.0	2.69	46	32.29	7.75
9857.0	.00	100	4.1	.0	2.69	47	32.26	7.74
9858.0	.00	100	1.8	.0	2.70	48	32.23	7.74
9860.0	.00	100	3.2	.0	2.72	38	32.21	7.74
9861.0	.00	77	4.6	.0	2.71	34	32.17	7.74
9862.0	.00	65	5.1	.0	2.73	34	32.12	7.73
9863.0	.01	58	5.5	.0	2.73	38	32.07	7.71
9864.0	.02	47	6.3	.0	2.69	41	32.02	7.68
9865.0	.01	51	6.0	.0	2.67	48	31.95	7.65
9877.0	.00	66	3.9	.0	2.72	48	31.92	7.64
9880.0	.00	100	.0	.0	2.71	48	31.89	7.63
9881.0	.00	100	.0	.0	2.75	31	31.89	7.63
9882.0	.00	100	.0	.0	2.75	29	31.89	7.63
9883.0	.00	100	.3	.0	2.71	42	31.89	7.63
9884.0	.00	100	1.8	.0	2.69	37	31.88	7.63
9885.0	.00	100	1.0	.0	2.68	39	31.86	7.63
9886.0	.00	100	.4	.0	2.69	37	31.85	7.63
9887.0	.00	100	.0	.0	2.75	37	31.85	7.63
9888.0	.00	100	.0	.0	2.77	43	31.85	7.63
9891.0	.00	100	.6	.0	2.82	43	31.85	7.63
9892.0	.00	100	.5	.0	2.83	34	31.84	7.63
9893.0	.00	100	.7	.0	2.81	37	31.84	7.63
9894.0	.00	100	1.7	.0	2.80	35	31.83	7.63
9895.0	.00	100	3.6	.0	2.78	33	31.81	7.63
9896.0	.01	82	5.7	.0	2.76	30	31.77	7.63
9897.0	.04	62	7.5	.0	2.75	30	31.71	7.61
9898.0	.06	61	7.8	.0	2.75	32	31.63	7.58
9899.0	.04	67	7.5	.0	2.74	34	31.55	7.55
9900.0	.04	67	7.4	.0	2.75	32	31.48	7.53
9901.0	.06	62	7.8	.0	2.74	30	31.40	7.50
9902.0	.06	61	7.9	.0	2.72	33	31.32	7.47
9903.0	.05	64	7.5	.0	2.70	37	31.25	7.44
9904.0	.05	64	7.6	.0	2.72	36	31.17	7.42
9905.0	.05	60	7.7	.0	2.72	34	31.09	7.39
9906.0	.03	64	7.0	.0	2.73	41	31.02	7.36
9917.0	.03	57	7.2	.0	2.76	33	30.92	7.33
9918.0	.03	58	7.2	.0	2.74	28	30.85	7.29
9919.0	.02	63	6.7	.0	2.74	31	30.78	7.27

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9920.0	.04	56	7.3	.0	2.73	31	30.71	7.24
9921.0	.03	57	7.2	.0	2.71	31	30.64	7.21
9922.0	.01	75	5.8	.0	2.72	35	30.57	7.18
9923.0	.00	100	3.8	.0	2.73	41	30.51	7.17
9926.0	.00	100	.0	.0	2.74	48	30.48	7.17
9927.0	.00	100	.0	.0	2.74	42	30.48	7.17
9928.0	.00	100	.0	.0	2.77	40	30.48	7.17
9932.0	.00	100	.9	.0	2.78	41	30.48	7.17
9933.0	.00	100	1.3	.0	2.73	36	30.47	7.17
9934.0	.00	100	2.0	.0	2.73	36	30.45	7.17
9935.0	.00	100	3.0	.0	2.76	40	30.43	7.17
9936.0	.00	100	3.5	.0	2.77	39	30.40	7.17
9937.0	.00	100	3.9	.0	2.75	36	30.36	7.17
9938.0	.00	100	3.8	.0	2.74	35	30.32	7.17
9939.0	.00	100	3.0	.0	2.76	36	30.29	7.17
9940.0	.00	100	1.8	.0	2.78	45	30.26	7.17
9941.0	.00	100	1.6	.0	2.80	47	30.24	7.17
9942.0	.00	100	2.1	.0	2.80	43	30.23	7.17
9943.0	.00	100	2.6	.0	2.78	44	30.20	7.17
9944.0	.00	100	3.5	.0	2.76	47	30.18	7.17
9945.0	.00	100	4.1	.0	2.72	43	30.14	7.17
9946.0	.00	100	3.6	.0	2.69	43	30.10	7.17
9947.0	.00	100	2.1	.0	2.70	43	30.07	7.17
9948.0	.00	100	1.3	.0	2.73	38	30.05	7.17
9949.0	.00	100	1.9	.0	2.72	34	30.04	7.17
9950.0	.00	100	2.8	.0	2.71	36	30.01	7.17
9951.0	.00	100	2.3	.0	2.72	43	29.99	7.17
9952.0	.00	100	1.5	.0	2.76	49	29.97	7.17
9955.0	.00	100	1.1	.0	2.84	46	29.95	7.17
9957.0	.00	100	.1	.0	2.90	49	29.94	7.17
9960.0	.00	100	1.0	.0	2.85	48	29.94	7.17
9961.0	.00	100	.8	.0	2.89	46	29.93	7.17
9962.0	.00	100	1.4	.0	2.84	42	29.93	7.17
9963.0	.00	100	3.5	.0	2.77	33	29.91	7.17
9964.0	.01	98	5.5	.0	2.72	31	29.87	7.17
9965.0	.01	90	6.0	.0	2.72	35	29.81	7.17
9966.0	.03	76	7.0	.0	2.71	37	29.75	7.16
9967.0	.03	78	6.9	.0	2.70	42	29.68	7.15
9968.0	.01	89	6.0	.0	2.73	47	29.61	7.13
9973.0	.03	69	7.0	.0	2.73	41	29.52	7.12
9976.0	.01	87	5.5	.0	2.74	46	29.45	7.10

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
9977.0	.01	87	5.5	.0	2.78	40	29.39	7.09
9978.0	.01	90	5.5	.0	2.81	38	29.34	7.08
9979.0	.02	76	6.3	.0	2.79	36	29.28	7.08
9980.0	.03	67	6.9	.0	2.76	33	29.21	7.06
9981.0	.04	59	7.2	.0	2.75	27	29.14	7.03
9982.0	.01	73	6.0	.0	2.76	29	29.07	7.01
9983.0	.01	79	5.4	.0	2.76	31	29.01	6.99
9984.0	.00	96	4.3	.0	2.76	36	28.96	6.98
9985.0	.00	100	1.9	.0	2.78	48	28.92	6.98
9988.0	.00	100	2.8	.0	2.73	48	28.92	6.98
9989.0	.00	100	3.2	.6	2.76	49	28.89	6.98
9995.0	.00	100	4.2	.0	2.79	40	28.85	6.98
9996.0	.01	78	6.0	.0	2.75	23	28.80	6.98
9997.0	.01	86	6.0	.0	2.75	21	28.74	6.97
9998.0	.02	87	6.3	.0	2.76	21	28.68	6.96
9999.0	.04	71	7.5	.0	2.74	20	28.62	6.95
10000.0	.07	64	8.1	.0	2.72	23	28.54	6.92
10001.0	.08	63	8.3	.0	2.71	23	28.46	6.89
10002.0	.10	60	8.6	.0	2.70	21	28.37	6.86
10003.0	.05	67	7.6	.0	2.71	25	28.29	6.83
10004.0	.02	79	6.6	.0	2.73	27	28.22	6.81
10005.0	.01	93	5.8	.0	2.75	28	28.15	6.80
10006.0	.01	81	6.2	.0	2.71	32	28.10	6.79
10007.0	.02	67	6.7	.0	2.68	36	28.03	6.78
10008.0	.04	58	7.3	.0	2.69	33	27.96	6.76
10009.0	.02	64	6.8	.0	2.69	37	27.89	6.73
10010.0	.01	72	6.3	.0	2.68	37	27.82	6.70
10011.0	.01	78	5.7	1.2	2.67	41	27.76	6.69
10012.0	.00	100	4.2	1.4	2.68	48	27.71	6.68
10015.0	.00	100	4.0	1.2	2.65	44	27.69	6.68
10016.0	.03	61	7.0	1.9	2.65	28	27.64	6.68
10017.0	.14	48	9.0	2.5	2.65	25	27.57	6.64
10018.0	.08	59	8.2	1.9	2.65	31	27.48	6.60
10019.0	.08	60	8.3	3.0	2.65	30	27.40	6.57
10020.0	.04	71	7.4	1.9	2.65	38	27.32	6.54
10021.0	.05	68	7.7	.8	2.67	35	27.24	6.52
10022.0	.06	65	7.8	1.0	2.68	34	27.16	6.49
10023.0	.07	58	8.0	1.7	2.67	33	27.09	6.46
10024.0	.02	73	6.5	2.6	2.66	45	27.01	6.43
10034.0	.00	100	1.3	.0	2.66	49	26.98	6.42
10035.0	.00	100	1.9	.0	2.65	46	26.96	6.42
10041.0	.00	100	.3	.0	2.70	48	26.95	6.42
10042.0	.00	100	.5	.0	2.69	43	26.95	6.42

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10043.0	.00	100	.7	.0	2.71	44	26.94	6.42
10044.0	.00	100	1.8	.0	2.70	38	26.93	6.42
10045.0	.00	100	2.7	.0	2.73	32	26.91	6.42
10046.0	.00	100	4.0	.0	2.75	27	26.88	6.42
10047.0	.00	100	4.0	.0	2.74	27	26.84	6.42
10048.0	.00	100	3.5	.0	2.72	35	26.80	6.42
10049.0	.01	81	5.8	.0	2.68	33	26.76	6.42
10050.0	.03	61	7.2	.0	2.70	29	26.70	6.41
10051.0	.01	71	6.2	.0	2.74	27	26.63	6.38
10052.0	.00	100	4.6	.0	2.77	32	26.57	6.37
10053.0	.00	100	2.6	.0	2.80	35	26.53	6.37
10054.0	.00	100	.9	.0	2.84	44	26.51	6.37
10058.0	.00	100	2.8	.0	2.69	46	26.50	6.37
10059.0	.00	100	3.5	.0	2.69	42	26.48	6.37
10060.0	.01	87	5.2	.0	2.68	34	26.44	6.37
10061.0	.01	85	5.4	.0	2.69	34	26.38	6.36
10066.0	.01	72	6.1	.0	2.69	30	26.31	6.35
10067.0	.03	59	7.0	.0	2.70	26	26.24	6.33
10068.0	.00	91	5.1	.6	2.71	36	26.18	6.31
10069.0	.00	100	2.5	.0	2.72	46	26.13	6.31
10070.0	.00	100	3.0	.0	2.69	43	26.11	6.31
10071.0	.01	77	5.2	.0	2.68	36	26.07	6.31
10072.0	.03	53	6.9	.0	2.70	27	26.02	6.29
10073.0	.01	68	6.0	.0	2.72	33	25.95	6.26
10074.0	.00	100	4.6	.0	2.74	36	25.89	6.24
10075.0	.00	100	4.1	.0	2.75	40	25.85	6.24
10076.0	.01	82	5.8	.0	2.68	41	25.80	6.24
10077.0	.03	67	6.9	.0	2.67	39	25.74	6.23
10078.0	.06	56	7.8	.0	2.67	34	25.67	6.20
10079.0	.08	54	8.2	.6	2.66	31	25.59	6.17
10080.0	.05	59	7.6	1.2	2.65	36	25.51	6.13
10081.0	.05	58	7.6	1.6	2.65	34	25.43	6.10
10082.0	.04	56	7.5	.9	2.67	33	25.36	6.07
10083.0	.03	60	7.0	1.6	2.66	37	25.28	6.04
10084.0	.01	86	5.2	1.2	2.67	40	25.22	6.01
10085.0	.00	100	2.7	.5	2.67	48	25.17	6.01
10088.0	.00	100	2.3	.0	2.72	44	25.16	6.01
10089.0	.00	100	4.4	.0	2.74	24	25.13	6.01
10090.0	.00	98	4.8	.0	2.73	20	25.08	6.01
10091.0	.00	100	3.9	.0	2.72	25	25.04	6.01
10092.0	.00	100	3.0	.0	2.73	28	25.00	6.01
10093.0	.00	100	2.5	.0	2.74	32	24.97	6.01
10094.0	.00	100	2.0	.0	2.72	44	24.95	6.01
10096.0	.00	100	1.2	.0	2.72	44	24.93	6.01

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10097.0	.00	100	2.1	.0	2.70	39	24.92	6.01
10098.0	.00	100	3.6	.0	2.70	34	24.89	6.01
10099.0	.00	100	4.4	.0	2.71	32	24.85	6.01
10100.0	.00	100	3.7	.0	2.72	38	24.81	6.01
10101.0	.00	100	2.8	.0	2.71	47	24.78	6.01
10104.0	.00	100	5.0	.0	2.71	46	24.76	6.01
10105.0	.01	94	5.7	.0	2.70	44	24.71	6.01
10106.0	.01	97	5.8	.0	2.73	37	24.65	6.00
10107.0	.01	100	5.4	.0	2.76	31	24.60	6.00
10108.0	.01	100	5.4	.0	2.78	21	24.54	6.00
10109.0	.00	100	4.5	.0	2.81	21	24.49	6.00
10110.0	.00	100	3.3	.0	2.82	28	24.45	6.00
10111.0	.00	100	2.4	.0	2.80	38	24.42	6.00
10112.0	.00	100	1.5	.1	2.78	49	24.39	6.00
10119.0	.01	100	5.2	.0	2.84	43	24.39	6.00
10120.0	.00	100	4.4	.0	2.80	34	24.34	6.00
10121.0	.00	100	3.1	.0	2.79	32	24.29	6.00
10122.0	.00	100	1.8	.0	2.78	43	24.27	6.00
10137.0	.00	26	3.1	.0	2.79	43	24.25	6.00
10138.0	.00	100	.1	.0	2.76	39	24.23	5.99
10139.0	.00	100	.0	.0	2.73	12	24.23	5.99
10140.0	.00	100	.0	.0	2.72	12	24.23	5.99
10141.0	.00	100	.0	.0	2.72	14	24.23	5.99
10142.0	.00	100	.2	.0	2.71	19	24.23	5.99
10143.0	.00	100	.1	.0	2.71	34	24.23	5.99
10144.0	.00	100	.5	.0	2.72	35	24.22	5.99
10145.0	.00	100	.7	.0	2.72	35	24.22	5.99
10146.0	.00	100	.9	.0	2.74	32	24.21	5.99
10147.0	.00	100	.0	.0	2.74	36	24.21	5.99
10148.0	.00	100	.0	.0	2.74	36	24.21	5.99
10149.0	.00	100	.0	.0	2.77	44	24.21	5.99
10154.0	.00	100	1.7	.0	2.86	41	24.19	5.98
10155.0	.00	100	.6	.0	2.80	36	24.18	5.98
10156.0	.00	100	1.7	.0	2.74	34	24.17	5.98
10157.0	.00	100	3.0	.0	2.72	31	24.15	5.98
10158.0	.00	100	2.5	.0	2.76	29	24.12	5.98
10159.0	.00	100	1.1	.0	2.76	29	24.10	5.98
10160.0	.00	100	.3	.0	2.79	32	24.09	5.98
10161.0	.00	100	1.4	.0	2.78	32	24.08	5.98
10162.0	.00	100	2.4	.0	2.74	27	24.07	5.98
10163.0	.00	86	3.0	.0	2.71	29	24.04	5.98
10164.0	.00	78	3.2	.0	2.71	33	24.01	5.97
10165.0	.00	100	2.2	.0	2.73	37	23.98	5.96
10166.0	.00	100	2.1	.0	2.74	44	23.96	5.96

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10167.0	.00	100	3.2	.0	2.74	48	23.93	5.96
10168.0	.00	79	3.8	.0	2.74	47	23.90	5.96
10169.0	.00	84	3.8	.0	2.73	47	23.86	5.95
10170.0	.00	90	3.8	.0	2.72	48	23.83	5.95
10171.0	.00	68	4.3	.0	2.73	47	23.79	5.94
10176.0	.00	100	3.5	.0	2.80	40	23.73	5.93
10177.0	.00	100	3.8	.0	2.76	33	23.69	5.93
10178.0	.00	100	3.3	.0	2.70	37	23.65	5.93
10179.0	.00	100	2.5	.0	2.71	36	23.62	5.93
10180.0	.00	100	1.5	.0	2.72	32	23.60	5.93
10181.0	.00	100	.0	.0	2.74	38	23.59	5.93
10182.0	.00	100	.6	.0	2.75	39	23.59	5.93
10183.0	.00	100	1.8	.0	2.74	37	23.58	5.93
10184.0	.00	100	1.8	.0	2.72	40	23.56	5.93
10187.0	.00	100	1.9	.0	2.78	34	23.55	5.93
10188.0	.00	100	3.4	.0	2.79	24	23.53	5.93
10189.0	.00	72	4.5	.0	2.76	21	23.49	5.93
10190.0	.00	77	4.0	.0	2.74	15	23.44	5.91
10191.0	.00	100	2.4	.0	2.76	17	23.41	5.91
10192.0	.00	100	1.2	.0	2.76	29	23.39	5.91
10193.0	.00	100	1.6	.0	2.75	37	23.37	5.91
10194.0	.00	82	2.9	.0	2.75	36	23.36	5.91
10195.0	.00	78	3.0	.0	2.77	40	23.32	5.90
10214.0	.00	100	3.7	.3	2.79	41	23.28	5.90
10215.0	.00	100	3.5	.4	2.79	44	23.24	5.90
10216.0	.00	100	4.3	.0	2.75	40	23.20	5.90
10217.0	.01	100	5.2	.0	2.71	38	23.16	5.90
10218.0	.00	100	4.0	.0	2.71	43	23.11	5.90
10219.0	.00	100	1.4	.0	2.74	47	23.07	5.90
10220.0	.00	100	1.2	.0	2.74	38	23.06	5.90
10221.0	.00	100	.9	.0	2.72	40	23.05	5.90
10222.0	.00	100	.2	.0	2.71	47	23.04	5.90
10223.0	.00	100	.0	.0	2.76	46	23.04	5.90
10224.0	.00	100	.0	.0	2.77	46	23.04	5.90
10225.0	.00	100	.7	.0	2.72	45	23.04	5.90
10226.0	.00	100	2.0	1.0	2.70	43	23.03	5.90
10227.0	.00	100	3.1	.0	2.71	36	23.01	5.90
10228.0	.00	100	2.7	.0	2.72	33	22.98	5.90
10229.0	.00	100	.9	.0	2.77	40	22.95	5.90
10230.0	.00	100	.3	.0	2.81	43	22.95	5.90
10231.0	.00	100	.4	.0	2.81	46	22.94	5.90
10243.0	.00	100	2.2	.0	2.78	37	22.93	5.90
10244.0	.00	100	3.0	.0	2.73	33	22.91	5.90
10245.0	.00	100	3.7	.0	2.71	38	22.87	5.90

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10322.0	.00	100	1.3	.0	2.76	37	21.85	5.64
10323.0	.00	100	1.4	.0	2.75	49	21.83	5.64
10327.0	.00	100	.0	.0	2.78	39	21.83	5.64
10328.0	.00	100	.0	.0	2.79	43	21.83	5.64
10353.0	.00	100	2.0	.0	2.73	46	21.83	5.64
10354.0	.00	100	4.0	.0	2.72	36	21.80	5.64
10355.0	.04	68	7.3	.0	2.72	31	21.76	5.64
10356.0	.10	57	8.5	.0	2.71	28	21.68	5.61
10357.0	.11	58	8.7	.0	2.71	27	21.59	5.57
10358.0	.13	55	8.9	.0	2.71	25	21.50	5.53
10359.0	.07	63	8.1	.0	2.73	29	21.42	5.50
10360.0	.03	73	7.1	.0	2.72	41	21.34	5.47
10361.0	.03	70	7.1	.0	2.73	40	21.27	5.45
10362.0	.06	59	7.9	.0	2.74	34	21.19	5.43
10363.0	.03	68	7.1	.0	2.74	40	21.12	5.40
10364.0	.01	83	6.2	.0	2.75	48	21.05	5.38
10371.0	.00	100	4.2	2.0	2.68	49	21.02	5.37
10372.0	.01	78	6.2	2.8	2.67	48	20.97	5.37
10374.0	.02	69	6.5	.0	2.69	45	20.94	5.36
10375.0	.02	67	6.7	.0	2.70	40	20.87	5.34
10376.0	.03	65	7.1	.0	2.69	40	20.80	5.32
10377.0	.03	67	7.0	.0	2.70	42	20.73	5.30
10378.0	.01	88	5.7	.0	2.75	39	20.66	5.27
10379.0	.00	100	3.1	.0	2.80	48	20.61	5.27
10380.0	.00	100	2.6	.0	2.84	48	20.60	5.27
10381.0	.00	100	2.4	.0	2.81	47	20.57	5.27
10390.0	.00	100	.0	.0	2.72	36	20.55	5.27
10391.0	.00	100	.0	.0	2.72	26	20.55	5.27
10392.0	.00	100	.0	.0	2.73	41	20.55	5.27
10398.0	.00	100	.0	.0	2.73	49	20.55	5.27
10399.0	.00	100	.0	.0	2.73	45	20.55	5.27
10400.0	.00	100	.2	.0	2.70	38	20.55	5.27
10401.0	.00	100	.7	.0	2.69	33	20.55	5.27
10402.0	.00	100	.4	.0	2.70	34	20.54	5.27
10403.0	.00	100	.0	.0	2.71	39	20.54	5.27
10404.0	.00	100	.0	.0	2.73	44	20.54	5.27
10408.0	.00	100	1.2	.4	2.73	45	20.53	5.27
10409.0	.00	100	1.3	.2	2.72	45	20.52	5.27
10410.0	.00	100	2.4	.0	2.73	36	20.51	5.27
10411.0	.00	100	2.6	.0	2.72	29	20.48	5.27
10412.0	.00	100	2.4	.0	2.69	31	20.46	5.27

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10246.0	.00	100	3.4	.0	2.71	46	22.84	5.90
10257.0	.07	26	6.5	.0	2.79	45	22.82	5.90
10258.0	.00	53	4.5	.0	2.74	39	22.75	5.85
10259.0	.00	97	2.7	.2	2.71	45	22.72	5.84
10260.0	.00	100	2.7	2.7	2.68	49	22.69	5.84
10261.0	.00	71	4.0	3.7	2.65	41	22.66	5.84
10262.0	.02	45	6.1	3.0	2.65	23	22.61	5.82
10263.0	.05	37	6.9	3.4	2.65	23	22.55	5.78
10264.0	.01	49	5.7	1.8	2.66	36	22.48	5.74
10265.0	.00	59	5.0	.0	2.68	34	22.43	5.71
10266.0	.00	82	4.1	.0	2.67	37	22.38	5.70
10267.0	.00	67	4.4	1.6	2.66	40	22.34	5.69
10268.0	.00	57	4.7	3.1	2.65	36	22.29	5.67
10269.0	.00	100	3.1	1.5	2.65	45	22.25	5.65
10280.0	.00	100	.7	.0	2.70	49	22.23	5.65
10281.0	.00	100	1.2	.0	2.68	44	22.22	5.65
10282.0	.00	100	1.2	.0	2.68	47	22.21	5.65
10286.0	.00	100	.1	.0	2.71	47	22.21	5.65
10287.0	.00	100	.7	.0	2.69	42	22.20	5.65
10288.0	.00	100	.6	.0	2.69	38	22.20	5.65
10289.0	.00	100	.7	.0	2.69	28	22.19	5.65
10290.0	.00	100	.7	.0	2.69	16	22.18	5.65
10291.0	.00	100	.3	.0	2.70	14	22.18	5.65
10292.0	.00	100	.8	.0	2.69	24	22.17	5.65
10293.0	.00	100	1.5	1.5	2.66	38	22.16	5.65
10294.0	.00	100	1.0	.3	2.67	46	22.15	5.65
10295.0	.00	100	.5	.0	2.69	48	22.14	5.65
10296.0	.00	100	.4	.0	2.69	48	22.13	5.65
10297.0	.00	100	1.1	.5	2.67	48	22.13	5.65
10299.0	.00	93	3.6	2.6	2.67	39	22.11	5.65
10300.0	.00	71	4.4	2.3	2.68	39	22.07	5.65
10306.0	.00	100	1.9	.2	2.73	45	22.03	5.64
10307.0	.00	100	2.8	.9	2.74	44	22.00	5.64
10308.0	.00	100	2.7	.5	2.74	47	21.98	5.64
10313.0	.00	100	2.8	.7	2.68	46	21.95	5.64
10316.0	.00	100	.0	.0	2.75	45	21.92	5.64
10317.0	.00	100	.8	.0	2.73	36	21.92	5.64
10318.0	.00	100	1.4	.0	2.73	34	21.91	5.64
10319.0	.00	100	1.3	.0	2.71	37	21.90	5.64
10320.0	.00	100	2.1	.0	2.74	33	21.89	5.64
10321.0	.00	100	1.7	.0	2.77	33	21.86	5.64

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10413.0	.00	100	3.5	.0	2.68	30	20.43	5.27
10414.0	.00	100	4.5	.2	2.69	28	20.39	5.27
10415.0	.00	100	4.0	.0	2.70	29	20.35	5.27
10416.0	.00	100	3.0	.0	2.70	29	20.31	5.27
10417.0	.00	100	2.3	.0	2.70	32	20.28	5.27
10418.0	.00	100	2.9	.0	2.70	29	20.26	5.27
10419.0	.00	100	2.8	.0	2.69	26	20.23	5.27
10420.0	.00	100	1.6	.0	2.71	29	20.20	5.27
10421.0	.00	100	2.7	.3	2.69	33	20.19	5.27
10422.0	.00	100	3.0	.7	2.67	35	20.16	5.27
10423.0	.00	100	2.1	.0	2.68	38	20.13	5.27
10424.0	.00	100	3.6	.0	2.67	33	20.10	5.27
10425.0	.00	100	4.2	.2	2.67	30	20.07	5.27
10426.0	.00	100	3.8	.0	2.68	31	20.02	5.27
10427.0	.00	100	3.0	.0	2.67	34	19.99	5.27
10428.0	.00	100	1.7	.0	2.68	36	19.96	5.27
10429.0	.00	100	1.1	.0	2.70	37	19.95	5.27
10430.0	.00	100	1.5	.0	2.71	37	19.93	5.27
10431.0	.00	100	2.6	.7	2.69	41	19.92	5.27
10432.0	.00	100	2.0	.0	2.69	47	19.89	5.27
10436.0	.00	100	.1	.0	2.73	48	19.88	5.27
10437.0	.00	100	.3	.0	2.70	31	19.88	5.27
10438.0	.00	100	.2	.0	2.70	37	19.88	5.27
10439.0	.00	100	.0	.0	2.71	39	19.88	5.27
10440.0	.00	100	.0	.0	2.77	38	19.88	5.27
10441.0	.00	100	.0	.0	2.80	41	19.88	5.27
10442.0	.00	100	.1	.0	2.80	46	19.88	5.27
10447.0	.00	100	.6	.0	2.73	49	19.87	5.27
10448.0	.00	100	.6	.0	2.69	46	19.86	5.27
10449.0	.00	100	1.1	.5	2.66	49	19.85	5.27
10454.0	.00	100	3.6	.0	2.71	38	19.84	5.27
10455.0	.00	100	3.8	.0	2.71	36	19.80	5.27
10456.0	.00	100	2.3	.0	2.72	40	19.76	5.27
10457.0	.00	100	.6	.0	2.73	44	19.74	5.27
10458.0	.00	100	.0	.0	2.76	41	19.74	5.27
10459.0	.00	100	.0	.0	2.76	41	19.74	5.27
10460.0	.00	100	.0	.0	2.75	45	19.74	5.27
10461.0	.00	100	.0	.0	2.76	49	19.74	5.27
10498.0	.00	100	.0	.0	2.77	49	19.74	5.27
10507.0	.00	100	2.0	.0	2.84	43	19.74	5.27
10508.0	.00	100	2.9	.0	2.81	32	19.72	5.27
10509.0	.00	100	3.0	.0	2.82	29	19.69	5.27
10510.0	.00	100	1.7	.0	2.82	36	19.66	5.27

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10511.0	.00	100	.3	.0	2.79	47	19.65	5.27
10512.0	.00	100	.0	.0	2.74	45	19.64	5.27
10533.0	.00	100	.0	.0	2.76	49	19.64	5.27
10534.0	.00	100	.0	.0	2.74	48	19.64	5.27
10535.0	.00	100	.0	.0	2.74	48	19.64	5.27
10536.0	.00	100	.4	.0	2.73	41	19.64	5.27
10537.0	.00	100	1.1	.0	2.71	36	19.64	5.27
10538.0	.00	100	1.7	.0	2.67	39	19.63	5.27
10539.0	.00	100	2.8	.2	2.65	42	19.61	5.27
10542.0	.02	57	6.3	2.4	2.65	30	19.55	5.27
10543.0	.04	43	7.1	2.6	2.65	30	19.49	5.23
10544.0	.07	41	7.7	1.5	2.65	31	19.42	5.19
10545.0	.55	28	9.5	1.3	2.65	21	19.33	5.14
10546.0	.56	26	9.3	.6	2.65	22	19.24	5.07
10547.0	.29	35	9.1	.6	2.65	24	19.15	5.01
10548.0	.09	39	7.9	1.3	2.65	34	19.06	4.95
10549.0	.01	53	6.3	2.9	2.65	47	18.98	4.91
10557.0	.00	100	1.1	1.0	2.66	49	18.95	4.89
10563.0	.00	81	4.3	3.3	2.65	46	18.93	4.89
10566.0	.01	56	5.6	.3	2.65	49	18.85	4.87
10597.0	.00	100	.9	.0	2.71	43	18.82	4.86
10598.0	.00	100	3.6	.6	2.67	40	18.81	4.86
10599.0	.01	80	5.8	.0	2.66	36	18.76	4.86
10600.0	.03	61	7.1	.0	2.66	33	18.70	4.85
10601.0	.03	61	6.9	.0	2.66	34	18.63	4.82
10602.0	.00	94	4.7	.0	2.66	39	18.57	4.79
10603.0	.00	100	2.5	.0	2.67	42	18.52	4.79
10604.0	.00	100	1.0	.0	2.68	37	18.50	4.79
10605.0	.00	100	.8	.0	2.69	16	18.49	4.79
10606.0	.00	100	.5	.0	2.70	12	18.49	4.79
10607.0	.00	100	.0	.0	2.72	29	18.48	4.79
10608.0	.00	100	1.0	.0	2.74	34	18.48	4.79
10609.0	.00	100	2.9	.0	2.70	33	18.47	4.79
10610.0	.00	100	4.0	.0	2.70	33	18.44	4.79
10611.0	.00	100	3.6	.0	2.69	43	18.40	4.79
10633.0	.00	100	.0	.0	2.84	47	18.36	4.79
10634.0	.00	100	.0	.0	2.78	38	18.36	4.79
10635.0	.00	100	.0	.0	2.75	33	18.36	4.79
10636.0	.00	100	.0	.0	2.73	46	18.36	4.79
10637.0	.00	100	.0	.0	2.73	47	18.36	4.79
10638.0	.00	100	.0	.0	2.71	44	18.36	4.79

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10639.0	.00	100	.7	.0	2.68	49	18.36	4.79
10641.0	.00	100	3.9	.0	2.65	42	18.36	4.79
10643.0	.00	100	1.5	.0	2.67	48	18.31	4.79
10655.0	.00	100	1.3	.0	2.76	49	18.31	4.79
10679.0	.00	100	.0	.0	2.75	40	18.29	4.79
10680.0	.00	100	.0	.0	2.79	36	18.29	4.79
10681.0	.00	100	.0	.0	2.76	39	18.29	4.79
10682.0	.00	100	.2	.0	2.70	45	18.29	4.79
10689.0	.00	100	.0	.0	2.75	49	18.29	4.79
10690.0	.00	100	.4	.4	2.70	43	18.29	4.79
10723.0	.00	100	.0	.0	2.81	49	18.28	4.79
10724.0	.00	100	1.3	.0	2.82	37	18.28	4.79
10725.0	.00	49	3.6	.4	2.81	18	18.26	4.79
10726.0	.00	43	4.4	.1	2.80	15	18.22	4.77
10727.0	.00	62	4.0	.0	2.79	17	18.18	4.74
10728.0	.00	75	3.5	.0	2.79	19	18.14	4.73
10729.0	.00	100	2.5	.0	2.78	28	18.11	4.73
10730.0	.00	100	2.3	.0	2.77	33	18.08	4.73
10731.0	.00	100	1.9	.0	2.75	40	18.06	4.73
10732.0	.00	100	1.4	.0	2.70	43	18.04	4.73
10733.0	.00	100	1.0	.0	2.69	43	18.03	4.73
10734.0	.00	100	.1	.0	2.71	41	18.02	4.73
10735.0	.00	100	.0	.0	2.73	36	18.02	4.73
10736.0	.00	100	.0	.0	2.75	31	18.02	4.73
10737.0	.00	100	.0	.0	2.77	36	18.02	4.73
10738.0	.00	100	.0	.0	2.82	48	18.02	4.73
10740.0	.00	100	.7	.0	2.79	43	18.02	4.73
10741.0	.00	100	.1	.0	2.76	38	18.01	4.73
10742.0	.00	100	.0	.0	2.78	47	18.01	4.73
10776.0	.00	100	.0	.0	2.76	40	18.01	4.73
10777.0	.00	100	.0	.0	2.73	49	18.01	4.73
10798.0	.00	100	2.5	.0	2.68	49	18.01	4.73
10799.0	.00	82	3.1	.0	2.68	48	17.99	4.72
10833.0	.00	100	.0	.0	2.76	48	17.97	4.72
10837.0	.00	100	2.6	.0	2.72	41	17.96	4.72
10838.0	.00	90	3.7	.0	2.72	34	17.93	4.72
10839.0	.00	66	4.4	.0	2.71	32	17.89	4.71

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10840.0	.01	46	5.3	.0	2.71	28	17.85	4.70
10841.0	.01	45	5.7	.0	2.69	33	17.79	4.67
10842.0	.01	45	5.5	.0	2.68	38	17.74	4.64
10843.0	.00	48	5.1	.0	2.69	39	17.68	4.61
10844.0	.00	86	3.5	.0	2.72	46	17.64	4.59
10846.0	.00	83	3.6	.0	2.74	40	17.59	4.58
10847.0	.00	64	4.4	.0	2.73	32	17.55	4.57
10848.0	.00	64	4.4	.0	2.71	33	17.50	4.56
10849.0	.00	69	4.0	.0	2.69	38	17.46	4.54
10850.0	.00	86	3.3	.0	2.70	40	17.42	4.53
10858.0	.00	100	.0	.0	2.84	47	17.39	4.53
10859.0	.00	100	.0	.0	2.78	40	17.39	4.53
10860.0	.00	100	.0	.0	2.74	42	17.39	4.53
10861.0	.00	100	.0	.0	2.76	44	17.39	4.53
10862.0	.00	100	.0	.0	2.75	41	17.39	4.53
10863.0	.00	100	.0	.0	2.77	38	17.39	4.53
10866.0	.00	100	.0	.0	2.83	43	17.39	4.53
10867.0	.00	100	.0	.0	2.79	34	17.39	4.53
10868.0	.00	100	.0	.0	2.81	46	17.39	4.53
10872.0	.00	100	.5	.0	2.73	30	17.39	4.53
10873.0	.00	100	.0	.0	2.72	17	17.39	4.53
10874.0	.00	100	.0	.0	2.75	10	17.39	4.53
10875.0	.00	100	.0	.0	2.77	24	17.39	4.53
10876.0	.00	100	.4	.0	2.72	35	17.39	4.53
10877.0	.00	100	.8	.0	2.72	44	17.38	4.53
10882.0	.00	100	.0	.0	2.78	49	17.38	4.53
10883.0	.00	100	.0	.0	2.75	47	17.38	4.53
10884.0	.00	100	.0	.0	2.74	48	17.38	4.53
10889.0	.00	100	.0	.0	2.76	45	17.38	4.53
10890.0	.00	100	.0	.0	2.76	40	17.38	4.53
10891.0	.00	100	.0	.0	2.74	45	17.38	4.53
10906.0	.00	100	.0	.0	2.71	40	17.38	4.53
10907.0	.00	100	.1	.0	2.71	39	17.38	4.53
10909.0	.00	100	1.8	.7	2.68	44	17.38	4.53
10910.0	.00	100	1.9	.9	2.69	42	17.36	4.53
10913.0	.00	100	1.6	.9	2.74	42	17.33	4.53
10914.0	.00	76	1.3	1.1	2.70	37	17.32	4.53
10915.0	.00	100	1.0	.9	2.68	28	17.31	4.53
10916.0	.00	100	.4	.0	2.70	19	17.30	4.53

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
10917.0	.00	100	.2	.0	2.70	17	17.30	4.53
10918.0	.00	100	.0	.0	2.71	22	17.29	4.53
10919.0	.00	100	.0	.0	2.74	36	17.29	4.53
10920.0	.00	100	.0	.0	2.75	45	17.29	4.53
10950.0	.00	60	4.1	.2	2.65	45	17.29	4.53
10951.0	.00	76	3.3	.0	2.65	49	17.25	4.51
10953.0	.00	100	.3	.0	2.70	49	17.23	4.51
10967.0	.00	96	3.6	1.9	2.65	48	17.23	4.51
10968.0	.00	63	5.1	2.0	2.65	42	17.19	4.50
10969.0	.00	90	4.3	1.5	2.67	46	17.14	4.48
10973.0	.01	76	6.2	.9	2.65	48	17.12	4.48
10974.0	.01	74	6.2	1.1	2.65	48	17.06	4.46
11009.0	.00	100	.0	.0	2.74	48	17.03	4.46
11017.0	.00	100	1.8	.0	2.75	40	17.03	4.46
11018.0	.00	100	1.5	.0	2.70	35	17.01	4.46
11019.0	.00	100	2.1	.0	2.71	33	16.99	4.46
11020.0	.00	95	2.9	.0	2.72	35	16.97	4.46
11021.0	.00	79	3.6	.0	2.73	38	16.94	4.45
11022.0	.00	71	4.1	.0	2.73	42	16.90	4.44
11023.0	.00	89	4.1	.0	2.75	43	16.86	4.43
11024.0	.00	100	4.1	.2	2.73	45	16.82	4.43
11025.0	.00	92	4.5	2.3	2.67	48	16.78	4.43
11055.0	.00	100	.0	.0	2.73	28	16.75	4.43
11056.0	.00	100	.0	.0	2.72	14	16.75	4.43
11057.0	.00	100	.0	.0	2.76	28	16.75	4.43
11058.0	.00	100	.0	.0	2.83	48	16.75	4.43
11079.0	.00	100	.0	.0	2.76	45	16.75	4.43
11080.0	.00	100	.0	.0	2.77	48	16.75	4.43
11094.0	.00	100	.0	.0	2.83	48	16.75	4.43
11150.0	.00	100	.3	.0	2.70	29	16.75	4.43
11151.0	.00	100	.0	.0	2.71	12	16.75	4.43
11152.0	.00	100	.0	.0	2.75	30	16.75	4.43
11153.0	.00	100	.0	.0	2.73	41	16.75	4.43
11154.0	.00	100	.4	.0	2.70	40	16.75	4.43
11155.0	.00	100	.3	.0	2.70	33	16.74	4.43
11156.0	.00	100	.2	.0	2.71	23	16.74	4.43
11157.0	.00	100	.2	.0	2.71	16	16.74	4.43
11158.0	.00	100	.0	.0	2.76	26	16.74	4.43

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
11167.0	.00	100	.0	.0	2.79	44	16.74	4.43
11168.0	.00	100	.0	.0	2.77	43	16.74	4.43
11169.0	.00	100	.0	.0	2.74	44	16.74	4.43
11170.0	.00	100	.0	.0	2.78	45	16.74	4.43
11183.0	.00	100	.0	.0	2.77	49	16.74	4.43
11197.0	.00	100	.0	.0	2.79	49	16.74	4.43
11206.0	.00	100	.0	.0	2.87	49	16.74	4.43
11213.0	.00	100	.1	.0	2.71	37	16.74	4.43
11295.0	.00	100	.0	.0	2.76	49	16.74	4.43
11306.0	.00	100	.0	.0	2.72	38	16.74	4.43
11307.0	.00	100	.0	.0	2.73	31	16.74	4.43
11308.0	.00	100	.0	.0	2.74	27	16.74	4.43
11309.0	.00	100	.0	.0	2.75	31	16.74	4.43
11310.0	.00	100	.0	.0	2.76	32	16.74	4.43
11311.0	.00	100	.0	.0	2.77	42	16.74	4.43
11315.0	.00	59	3.0	.0	2.82	43	16.72	4.42
11316.0	.00	58	3.5	.0	2.82	40	16.69	4.41
11317.0	.00	71	2.6	.0	2.85	49	16.66	4.40
11318.0	.00	81	1.8	.0	2.83	48	16.65	4.39
11319.0	.00	100	.5	.0	2.71	46	16.63	4.39
11320.0	.00	100	.5	.5	2.69	37	16.62	4.39
11321.0	.00	42	1.2	1.2	2.66	47	16.62	4.39
11322.0	.00	20	3.3	.8	2.65	39	16.60	4.38
11323.0	.00	22	3.3	.0	2.65	46	16.57	4.35
11328.0	.00	47	2.0	.0	2.65	47	16.55	4.34
11329.0	.00	39	3.0	.0	2.65	40	16.53	4.33
11330.0	.00	44	2.8	.0	2.65	46	16.50	4.31
11336.0	.00	100	.4	.0	2.69	46	16.47	4.29
11337.0	.00	100	.6	.0	2.69	30	16.46	4.29
11338.0	.00	100	.6	.0	2.69	17	16.46	4.29
11339.0	.00	100	.4	.0	2.70	25	16.45	4.29
11340.0	.00	100	.4	.0	2.70	45	16.45	4.29
11345.0	.00	100	.4	.0	2.69	42	16.45	4.29
11346.0	.00	100	.3	.0	2.70	39	16.44	4.29
11347.0	.00	100	.0	.0	2.73	39	16.44	4.29
11383.0	.00	100	1.6	.0	2.67	38	16.43	4.29

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
11384.0	.00	73	2.1	.2	2.66	16	16.41	4.29
11385.0	.00	67	2.3	1.1	2.66	9	16.39	4.28
11386.0	.00	82	1.7	1.0	2.66	29	16.37	4.28
11387.0	.00	83	1.5	.0	2.67	43	16.36	4.28
11388.0	.00	94	1.4	.0	2.69	39	16.34	4.27
11389.0	.00	100	1.2	.0	2.67	25	16.33	4.27
11390.0	.00	71	2.1	.0	2.66	10	16.31	4.27
11391.0	.00	77	1.8	.0	2.66	14	16.29	4.27
11392.0	.00	100	.8	.0	2.68	32	16.28	4.26
11393.0	.00	100	.6	.0	2.69	41	16.27	4.26
11394.0	.00	100	.6	.0	2.69	39	16.26	4.26
11404.0	.00	100	1.0	.0	2.71	39	16.25	4.26
11405.0	.00	90	2.1	.0	2.69	31	16.24	4.26
11406.0	.00	85	2.4	.0	2.66	39	16.22	4.26
11428.0	.00	100	.0	.0	2.76	36	16.19	4.26
11429.0	.00	100	.0	.0	2.79	42	16.19	4.26
11441.0	.00	100	.0	.0	2.74	43	16.19	4.26
11442.0	.00	100	.0	.0	2.78	41	16.19	4.26
11470.0	.00	100	1.5	.0	2.75	48	16.19	4.26
11473.0	.00	100	.7	.0	2.75	46	16.18	4.26
11474.0	.00	100	.8	.0	2.81	45	16.17	4.26
11550.0	.01	69	6.2	.0	2.65	48	16.13	4.25
11564.0	.00	95	3.4	.0	2.68	45	16.10	4.24
11565.0	.00	70	4.4	.0	2.67	22	16.06	4.24
11566.0	.00	44	4.7	.0	2.67	17	16.02	4.22
11567.0	.02	30	5.4	.0	2.67	20	15.97	4.19
11568.0	.03	28	5.7	.0	2.66	24	15.92	4.15
11569.0	.01	35	5.1	.0	2.66	28	15.86	4.11
11570.0	.00	43	4.2	.0	2.67	33	15.81	4.08
11571.0	.00	55	3.2	.0	2.70	43	15.77	4.06
11572.0	.00	56	3.1	.0	2.74	46	15.74	4.05
11573.0	.00	60	3.7	.0	2.75	42	15.71	4.03
11574.0	.00	64	3.9	.0	2.72	44	15.67	4.02
11578.0	.00	58	4.7	.0	2.72	45	15.63	4.01
11579.0	.00	54	4.6	.0	2.71	40	15.58	3.99
11580.0	.00	54	4.5	.0	2.70	36	15.54	3.96
11581.0	.00	63	4.1	.0	2.69	35	15.49	3.95
11582.0	.00	76	3.1	.0	2.69	39	15.46	3.93
11583.0	.00	94	2.3	.0	2.70	37	15.43	3.93
11584.0	.00	96	2.0	.0	2.66	35	15.41	3.93

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
11585.0	.00	100	1.3	.0	2.67	27	15.39	3.93
11586.0	.00	100	.9	.0	2.68	24	15.38	3.93
11587.0	.00	99	1.4	.0	2.67	22	15.37	3.93
11588.0	.00	64	1.6	.4	2.67	16	15.35	3.92
11589.0	.00	82	1.2	.0	2.68	20	15.33	3.92
11590.0	.00	100	.1	.0	2.71	28	15.33	3.92
11591.0	.00	100	.8	.0	2.69	27	15.32	3.92
11592.0	.00	75	1.8	.0	2.66	16	15.31	3.92
11593.0	.00	100	1.5	.8	2.66	32	15.29	3.91
11604.0	.00	61	4.3	3.4	2.65	34	15.25	3.90
11605.0	.00	78	2.1	1.9	2.65	28	15.22	3.89
11606.0	.00	86	1.9	1.2	2.65	29	15.20	3.88
11607.0	.00	100	1.7	.7	2.65	46	15.18	3.88
11611.0	.00	67	2.9	.0	2.65	32	15.15	3.88
11612.0	.00	100	.4	.0	2.65	32	15.12	3.87
11662.0	.00	100	.6	.0	2.65	2	15.10	3.86
11663.0	.00	100	.0	.0	2.66	20	15.10	3.86
11664.0	.00	100	.0	.0	2.65	48	15.10	3.86
11668.0	.00	100	1.1	.0	2.67	42	15.10	3.86
11669.0	.00	100	1.2	.0	2.68	11	15.09	3.86
11670.0	.00	100	1.4	.0	2.67	14	15.08	3.86
11671.0	.00	100	1.0	.0	2.68	11	15.07	3.86
11672.0	.00	100	.0	.0	2.67	37	15.06	3.86
11737.0	.00	100	.0	.0	2.65	43	15.05	3.86
11738.0	.00	100	.0	.0	2.65	24	15.05	3.86
11739.0	.00	100	.0	.0	2.72	27	15.05	3.86
11740.0	.00	100	.0	.0	2.71	48	15.05	3.86
11741.0	.00	100	.0	.0	2.65	47	15.05	3.86
11748.0	.00	69	2.4	.0	2.66	46	15.05	3.86
11749.0	.00	54	2.8	.0	2.65	39	15.03	3.86
11750.0	.00	70	2.5	.0	2.65	49	15.00	3.85
11789.0	.00	88	3.5	.0	2.65	4	14.98	3.84
11790.0	.00	100	.0	.0	2.65	17	14.95	3.84
11791.0	.00	100	.0	.0	2.65	40	14.95	3.84
11832.0	.00	100	1.6	.0	2.73	40	14.94	3.84
11833.0	.00	100	2.1	.0	2.72	21	14.93	3.84
11834.0	.00	100	1.5	.0	2.70	20	14.91	3.84
11835.0	.00	100	1.2	.0	2.70	24	14.89	3.84
11836.0	.00	100	1.1	.0	2.70	30	14.88	3.84
11837.0	.00	100	.9	.0	2.74	46	14.87	3.84

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
11850.0	.00	100	3.5	.0	2.65	47	14.87	3.84
11851.0	.00	100	3.2	.0	2.65	34	14.82	3.84
11852.0	.00	100	.9	.0	2.69	35	14.80	3.84
11871.0	.00	100	.9	.0	2.65	44	14.78	3.84
11919.0	.01	76	5.6	.0	2.65	26	14.75	3.83
11920.0	.00	93	4.1	.0	2.65	7	14.69	3.81
11921.0	.00	100	1.5	.0	2.68	9	14.66	3.81
11922.0	.00	100	.2	.0	2.71	5	14.65	3.81
11923.0	.00	100	.0	.0	2.71	6	14.65	3.81
11924.0	.00	100	.0	.0	2.71	10	14.65	3.81
11925.0	.00	100	.0	.0	2.71	15	14.65	3.81
11926.0	.00	100	1.7	.0	2.75	26	14.64	3.81
11927.0	.00	100	1.9	.0	2.84	44	14.62	3.81
11932.0	.00	100	1.0	.0	2.71	30	14.61	3.81
11933.0	.00	100	.0	.0	2.71	15	14.60	3.81
11934.0	.00	100	.2	.0	2.71	9	14.60	3.81
11935.0	.00	100	.3	.0	2.70	30	14.60	3.81
11955.0	.00	100	2.5	.0	2.65	43	14.60	3.81
11956.0	.00	100	2.0	.0	2.65	34	14.57	3.81
11957.0	.00	100	.0	.0	2.70	45	14.56	3.81
11985.0	.00	100	1.4	.0	2.69	48	14.55	3.81
12027.0	.00	100	1.7	.0	2.69	43	14.52	3.81
12028.0	.00	100	1.8	.0	2.68	40	14.51	3.81
12029.0	.00	100	1.7	.0	2.66	34	14.49	3.81
12030.0	.00	100	1.2	.0	2.67	35	14.47	3.81
12031.0	.00	100	2.4	.0	2.65	46	14.46	3.81
12034.0	.00	100	2.4	.0	2.79	49	14.45	3.81
12035.0	.00	100	3.5	.0	2.72	38	14.42	3.81
12036.0	.00	70	4.3	.0	2.71	25	14.38	3.81
12037.0	.01	38	5.3	.0	2.71	19	14.34	3.79
12038.0	.01	42	5.6	.0	2.65	22	14.29	3.76
12039.0	.01	75	5.9	.0	2.65	33	14.23	3.73
12103.0	.19	69	9.5	.0	2.65	20	14.13	3.71
12104.0	.07	61	8.1	.0	2.67	13	14.04	3.69
12105.0	.07	26	6.5	.0	2.68	7	13.97	3.66
12106.0	.47	10	6.6	.0	2.68	7	13.90	3.60
12107.0	.04	19	5.3	.0	2.69	10	13.84	3.55
12108.0	.00	35	4.2	.0	2.67	12	13.79	3.51
12109.0	.00	58	2.8	.0	2.67	17	13.75	3.49

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
12110.0	.00	88	1.9	.0	2.67	20	13.72	3.48
12111.0	.00	94	1.9	.0	2.67	27	13.70	3.47
12112.0	.00	59	3.0	.0	2.67	32	13.68	3.47
12113.0	.00	59	3.0	.0	2.65	34	13.65	3.45
12114.0	.00	69	2.7	.0	2.65	36	13.62	3.44
12115.0	.00	79	2.6	.0	2.65	38	13.59	3.44
12207.0	.02	65	6.6	.0	2.65	45	13.57	3.43
12208.0	.00	97	4.5	.0	2.65	34	13.50	3.41
12209.0	.00	82	2.4	.0	2.70	26	13.46	3.41
12210.0	.00	28	3.7	.0	2.69	10	13.44	3.40
12211.0	.01	16	4.3	.0	2.69	6	13.40	3.37
12212.0	.02	15	4.4	.0	2.68	6	13.36	3.34
12213.0	.00	20	3.7	.0	2.68	8	13.31	3.30
12214.0	.00	32	3.2	.0	2.67	9	13.28	3.27
12215.0	.00	39	3.1	.0	2.65	12	13.25	3.25
12216.0	.00	45	3.1	.0	2.65	10	13.21	3.23
12217.0	.00	72	2.0	.0	2.67	28	13.19	3.22
12218.0	.00	69	2.4	.0	2.73	26	13.17	3.22
12219.0	.00	56	3.2	.0	2.73	27	13.14	3.21
12220.0	.00	62	3.0	.0	2.69	29	13.11	3.19
12221.0	.00	65	2.9	.0	2.68	28	13.08	3.18
12222.0	.00	69	2.3	.0	2.67	31	13.05	3.17
12223.0	.00	58	2.6	.0	2.69	30	13.03	3.16
12224.0	.00	40	3.8	.0	2.68	35	13.00	3.15
12225.0	.02	30	5.3	.0	2.68	36	12.96	3.12
12226.0	.05	27	6.2	.0	2.67	36	12.90	3.08
12227.0	.09	24	6.6	.0	2.65	38	12.84	3.04
12228.0	.04	31	6.4	.0	2.65	33	12.77	2.99
12229.0	.00	65	3.7	.0	2.65	45	12.71	2.95
12258.0	.00	78	4.7	.0	2.65	41	12.67	2.94
12259.0	.00	81	4.2	.0	2.65	34	12.63	2.93
12260.0	.00	83	3.9	.0	2.65	30	12.59	2.93
12261.0	.00	100	2.9	.0	2.66	34	12.55	2.92
12262.0	.00	92	3.1	.0	2.67	28	12.52	2.92
12263.0	.00	78	3.3	.0	2.67	17	12.49	2.92
12264.0	.00	84	2.8	.0	2.66	12	12.46	2.91
12265.0	.00	77	3.1	.0	2.65	8	12.43	2.91
12266.0	.00	86	3.1	.0	2.65	11	12.40	2.90
12267.0	.00	95	2.5	.0	2.65	34	12.37	2.90
12268.0	.00	77	3.4	.0	2.65	33	12.34	2.89
12269.0	.00	100	2.8	.0	2.67	19	12.31	2.89
12270.0	.00	82	2.6	.0	2.67	14	12.28	2.89
12271.0	.00	84	2.4	.0	2.66	16	12.26	2.88
12272.0	.00	100	1.2	.0	2.67	25	12.24	2.88
12273.0	.00	100	1.0	.0	2.68	39	12.23	2.88
12274.0	.00	100	2.0	.0	2.71	32	12.22	2.88

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
12275.0	.00	80	2.7	.0	2.71	22	12.19	2.88
12276.0	.00	56	3.6	.0	2.69	20	12.16	2.87
12277.0	.01	32	5.1	.0	2.67	22	12.12	2.85
12278.0	.00	41	4.6	.0	2.66	25	12.07	2.82
12279.0	.00	79	2.9	.0	2.67	30	12.03	2.80
12280.0	.00	68	4.7	.0	2.65	39	12.00	2.79
12302.0	.00	68	5.0	.0	2.65	45	11.98	2.78
12303.0	.00	97	3.2	.0	2.65	39	11.93	2.77
12304.0	.00	100	1.3	.0	2.65	41	11.90	2.77
12332.0	.01	72	5.3	.0	2.65	26	11.87	2.77
12333.0	.00	72	4.7	.0	2.65	15	11.82	2.75
12334.0	.00	100	3.0	.0	2.65	23	11.78	2.74
12335.0	.00	100	2.6	.0	2.68	41	11.75	2.74
12347.0	.02	76	6.3	.0	2.65	47	11.72	2.74
12348.0	.02	69	6.5	.0	2.65	38	11.66	2.73
12349.0	.01	67	6.1	.0	2.65	33	11.59	2.71
12350.0	.00	68	5.1	.0	2.65	38	11.53	2.69
12433.0	.00	87	4.5	.0	2.65	37	11.47	2.67
12434.0	.00	73	5.0	.0	2.65	31	11.42	2.67
12435.0	.00	70	4.9	.0	2.65	26	11.37	2.65
12436.0	.01	66	5.2	.0	2.65	30	11.32	2.64
12437.0	.00	77	5.1	.0	2.65	41	11.27	2.62
12444.0	.00	100	2.3	.0	2.65	42	11.20	2.61
12451.0	.00	100	1.1	.0	2.65	37	11.19	2.61
12452.0	.00	100	1.7	.0	2.65	33	11.18	2.61
12453.0	.00	91	3.6	.0	2.65	25	11.16	2.61
12454.0	.01	70	5.6	.0	2.65	13	11.11	2.60
12455.0	.05	63	7.6	.0	2.65	0	11.05	2.58
12456.0	.00	68	3.7	.0	2.67	0	10.98	2.56
12457.0	.00	36	3.1	.0	2.67	0	10.95	2.54
12458.0	.00	55	3.1	.0	2.66	0	10.91	2.52
12459.0	.00	99	3.0	.0	2.66	0	10.88	2.51
12460.0	.00	96	2.3	.0	2.67	0	10.85	2.51
12461.0	.00	85	2.5	.0	2.66	4	10.83	2.51
12462.0	.00	100	.5	.0	2.65	5	10.82	2.51
12463.0	.00	83	3.2	.0	2.65	35	10.81	2.51
12522.0	.00	70	5.2	.0	2.65	46	10.76	2.50
12523.0	.00	100	3.0	.0	2.65	48	10.74	2.49
12524.0	.00	100	3.0	.0	2.65	34	10.71	2.49
12525.0	.00	93	3.3	.0	2.65	27	10.68	2.49
12526.0	.00	100	2.9	.0	2.65	28	10.65	2.49

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
12527.0	.00	90	3.4	.0	2.65	31	10.62	2.49
12528.0	.01	63	5.4	.0	2.65	24	10.58	2.48
12529.0	.01	57	6.0	.0	2.65	25	10.52	2.46
12530.0	.04	48	7.4	.0	2.65	16	10.46	2.43
12531.0	.06	44	7.7	.0	2.65	17	10.38	2.39
12532.0	.05	43	7.3	.0	2.65	16	10.31	2.35
12533.0	.01	52	6.0	.0	2.65	17	10.24	2.31
12534.0	.00	67	4.0	.0	2.65	23	10.18	2.28
12535.0	.00	78	2.8	.0	2.65	40	10.15	2.27
12573.0	.00	94	3.9	.0	2.65	31	10.10	2.27
12574.0	.00	100	2.9	.0	2.65	30	10.06	2.26
12575.0	.00	100	2.9	.0	2.65	31	10.03	2.26
12576.0	.00	100	2.6	.0	2.65	38	10.00	2.26
12590.0	.00	100	2.6	.0	2.65	43	9.99	2.26
12591.0	.00	100	2.4	.0	2.65	38	9.96	2.26
12592.0	.00	100	1.7	.0	2.65	42	9.94	2.26
12593.0	.00	100	2.3	.0	2.65	41	9.92	2.26
12594.0	.00	100	2.3	.0	2.65	43	9.90	2.26
12599.0	.01	67	6.1	.0	2.65	43	9.85	2.26
12646.0	.00	100	1.9	.0	2.72	49	9.79	2.24
12647.0	.00	95	3.9	.0	2.71	33	9.77	2.24
12648.0	.00	80	4.9	.0	2.74	11	9.72	2.24
12649.0	.01	75	5.3	.0	2.72	1	9.67	2.23
12650.0	.01	64	6.2	.0	2.68	1	9.62	2.21
12651.0	.03	56	7.1	.0	2.67	1	9.55	2.19
12652.0	.04	53	7.4	.0	2.67	0	9.48	2.15
12653.0	.05	51	7.6	.0	2.66	0	9.41	2.12
12654.0	.05	49	7.7	.0	2.67	0	9.33	2.08
12655.0	.05	51	7.6	.0	2.67	2	9.26	2.04
12656.0	.04	57	7.3	.0	2.68	6	9.18	2.01
12657.0	.02	62	6.6	.0	2.69	14	9.11	1.98
12658.0	.01	73	5.3	.0	2.69	22	9.05	1.96
12659.0	.00	87	4.1	.0	2.67	31	9.00	1.94
12660.0	.00	89	3.7	.0	2.65	35	8.96	1.94
12661.0	.00	98	3.0	.0	2.65	34	8.92	1.94
12662.0	.00	81	3.4	.0	2.68	26	8.89	1.94
12663.0	.00	66	4.5	.0	2.69	16	8.85	1.93
12664.0	.00	83	3.6	.0	2.65	16	8.81	1.91
12665.0	.00	88	3.3	.0	2.65	12	8.77	1.91
12666.0	.00	100	1.6	.0	2.66	23	8.74	1.90
12667.0	.00	100	1.7	.0	2.66	29	8.73	1.90
12668.0	.00	100	.0	.0	2.71	43	8.72	1.90
12669.0	.00	100	1.0	.0	2.67	40	8.71	1.90
12670.0	.00	99	3.2	.0	2.65	18	8.69	1.90

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
12671.0	.00	97	3.1	.0	2.65	18	8.66	1.90
12672.0	.00	100	2.8	.0	2.65	30	8.63	1.90
12694.0	.00	100	.5	.0	2.69	41	8.60	1.90
12695.0	.00	100	.0	.0	2.74	48	8.60	1.90
12702.0	.00	100	3.0	.0	2.65	39	8.60	1.90
12703.0	.00	100	1.0	.0	2.65	42	8.57	1.90
12723.0	.00	100	2.6	.0	2.70	41	8.55	1.90
12724.0	.00	100	3.2	.0	2.69	28	8.52	1.90
12725.0	.00	89	4.0	.0	2.66	20	8.49	1.90
12726.0	.01	69	5.5	.0	2.65	12	8.45	1.90
12727.0	.01	64	5.9	.0	2.65	21	8.39	1.88
12728.0	.04	54	7.3	.0	2.67	17	8.33	1.85
12729.0	.10	46	8.4	.0	2.66	5	8.25	1.82
12730.0	.07	48	8.0	.0	2.65	2	8.17	1.77
12731.0	.04	50	7.2	.0	2.65	8	8.09	1.73
12732.0	.01	59	6.0	.0	2.67	21	8.02	1.70
12733.0	.00	78	4.3	.0	2.67	42	7.96	1.68
12735.0	.00	87	4.0	.0	2.74	35	7.92	1.67
12736.0	.00	100	2.4	.0	2.70	35	7.89	1.67
12737.0	.00	100	2.4	.0	2.67	41	7.86	1.67
12738.0	.00	71	4.7	.0	2.70	22	7.83	1.67
12739.0	.00	100	3.0	.0	2.69	24	7.79	1.65
12740.0	.00	100	.8	.0	2.69	38	7.76	1.65
12741.0	.00	100	.3	.0	2.70	48	7.76	1.65
12749.0	.00	100	1.9	.0	2.69	49	7.76	1.65
12750.0	.00	100	2.1	.0	2.69	37	7.74	1.65
12751.0	.00	100	2.4	.0	2.68	30	7.71	1.65
12752.0	.00	100	3.2	.0	2.68	25	7.69	1.65
12753.0	.00	83	4.1	.0	2.69	10	7.65	1.65
12754.0	.00	100	3.3	.0	2.67	10	7.61	1.65
12755.0	.00	100	3.1	.0	2.66	18	7.58	1.65
12756.0	.00	100	2.5	.0	2.66	35	7.55	1.65
12757.0	.00	100	2.4	.0	2.65	44	7.53	1.65
12784.0	.00	100	3.0	.0	2.70	44	7.50	1.65
12785.0	.00	100	2.1	.0	2.69	45	7.47	1.65
12812.0	.12	47	8.7	.0	2.67	27	7.42	1.63
12813.0	.10	49	8.6	.0	2.65	16	7.33	1.58
12814.0	.01	63	5.8	.0	2.65	17	7.25	1.54
12815.0	.00	81	3.9	.0	2.65	30	7.20	1.52
12816.0	.00	75	4.5	.0	2.65	46	7.15	1.51
12825.0	.00	81	4.8	.0	2.69	49	7.13	1.51

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
12826.0	.00	96	3.7	.0	2.67	35	7.09	1.50
12827.0	.00	98	3.3	.0	2.70	32	7.05	1.50
12828.0	.00	100	2.3	.0	2.69	39	7.02	1.50
12829.0	.00	100	3.0	.0	2.69	37	7.00	1.50
12830.0	.00	100	2.4	.0	2.66	47	6.97	1.50
12841.0	.00	98	3.2	.0	2.65	49	6.96	1.50
12842.0	.00	100	2.6	.0	2.65	45	6.93	1.50
12847.0	.02	71	6.5	.0	2.65	44	6.90	1.50
12848.0	.05	62	7.6	.0	2.65	19	6.83	1.48
12849.0	.13	50	8.9	.0	2.65	3	6.75	1.45
12850.0	.18	45	9.2	.0	2.65	0	6.66	1.40
12851.0	.05	48	7.7	.0	2.65	0	6.57	1.35
12852.0	.02	50	6.7	.0	2.65	2	6.50	1.31
12853.0	.01	57	5.3	.0	2.65	11	6.43	1.28
12854.0	.00	85	3.3	.0	2.65	24	6.39	1.27
12855.0	.01	57	5.3	.0	2.65	19	6.35	1.26
12856.0	.05	46	7.5	.0	2.65	6	6.29	1.23
12857.0	.03	51	7.1	.0	2.65	2	6.22	1.19
12858.0	.01	57	6.1	.0	2.65	6	6.15	1.16
12859.0	.01	60	5.7	.0	2.65	10	6.09	1.13
12860.0	.02	53	6.7	.0	2.65	10	6.03	1.11
12861.0	.02	57	6.6	.0	2.65	9	5.96	1.08
12862.0	.01	61	5.8	.0	2.65	7	5.89	1.05
12863.0	.00	89	3.3	.0	2.67	23	5.84	1.03
12864.0	.00	85	3.1	.0	2.67	35	5.81	1.03
12865.0	.00	62	5.0	.0	2.65	26	5.77	1.01
12866.0	.00	84	3.8	.0	2.65	44	5.73	1.00
12868.0	.00	79	4.6	.0	2.65	48	5.71	1.00
12869.0	.00	100	2.8	.0	2.65	45	5.66	.99
12875.0	.00	97	4.2	.0	2.65	48	5.64	.99
12887.0	.01	71	6.2	.0	2.65	39	5.62	.99
12888.0	.01	84	5.3	.0	2.65	19	5.56	.97
12889.0	.00	86	4.8	.0	2.65	27	5.51	.97
12890.0	.01	72	5.7	.0	2.65	32	5.46	.96
12891.0	.04	59	7.4	.0	2.65	6	5.39	.94
12892.0	.01	66	5.7	.0	2.65	0	5.32	.91
12893.0	.00	94	3.3	.0	2.65	1	5.27	.89
12894.0	.00	100	4.1	.0	2.65	24	5.24	.89
12907.0	.00	100	3.2	.0	2.65	49	5.18	.89
12921.0	.00	91	3.9	.0	2.65	48	5.15	.89
12922.0	.00	99	3.4	.0	2.69	48	5.13	.89

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
12923.0	.00	100	1.7	.0	2.75	49	5.10	.89
12935.0	.00	100	3.4	.0	2.65	49	5.09	.89
12936.0	.00	100	2.3	.0	2.65	49	5.06	.89
12947.0	.00	95	4.0	.0	2.70	48	5.05	.89
12948.0	.00	83	4.2	.0	2.66	33	5.01	.88
12949.0	.00	100	2.6	.0	2.68	35	4.97	.88
12950.0	.00	100	1.6	.0	2.66	37	4.94	.88
12951.0	.00	100	1.4	.0	2.65	38	4.93	.88
12952.0	.00	100	1.4	.0	2.65	45	4.92	.88
12955.0	.00	86	4.7	.0	2.69	46	4.88	.87
12956.0	.00	100	2.1	.0	2.70	41	4.84	.86
12957.0	.00	100	1.2	.0	2.69	37	4.82	.86
12958.0	.00	100	.8	.0	2.71	31	4.81	.86
12959.0	.00	100	.3	.0	2.70	31	4.80	.86
12960.0	.00	100	.7	.0	2.69	40	4.80	.86
12961.0	.00	100	2.7	.0	2.71	33	4.79	.86
12962.0	.00	100	3.4	.0	2.70	20	4.76	.86
12963.0	.00	100	2.6	.0	2.70	15	4.73	.86
12964.0	.00	80	3.9	.0	2.68	8	4.70	.86
12965.0	.01	58	5.4	.0	2.67	4	4.66	.85
12966.0	.01	51	6.1	.0	2.67	1	4.60	.83
12967.0	.01	51	5.9	.0	2.67	0	4.54	.80
12968.0	.01	52	5.5	.0	2.66	0	4.48	.77
12969.0	.00	57	4.6	.0	2.65	4	4.43	.74
12970.0	.00	82	3.2	.0	2.66	8	4.39	.73
12971.0	.00	100	2.6	.0	2.66	26	4.36	.73
12977.0	.00	100	3.7	.0	2.70	38	4.31	.73
12978.0	.00	100	2.9	.0	2.67	28	4.28	.73
12979.0	.00	100	3.6	.0	2.69	13	4.25	.73
12980.0	.00	100	2.0	.0	2.67	10	4.21	.73
12981.0	.00	100	1.7	.0	2.73	27	4.20	.73
13007.0	.00	100	2.0	.0	2.74	47	4.18	.73
13008.0	.00	100	2.5	.0	2.71	35	4.15	.73
13009.0	.00	100	3.0	.0	2.69	22	4.13	.73
13010.0	.00	100	3.2	.0	2.68	17	4.10	.73
13011.0	.00	84	4.1	.0	2.67	15	4.06	.72
13012.0	.01	63	5.5	.0	2.68	12	4.02	.71
13013.0	.01	58	6.1	.0	2.69	4	3.96	.69
13014.0	.00	66	4.7	.0	2.70	3	3.90	.67
13015.0	.00	66	4.3	.0	2.69	1	3.86	.65
13016.0	.00	79	3.3	.0	2.67	3	3.81	.64
13017.0	.00	99	2.4	.0	2.67	6	3.79	.64
13018.0	.00	100	2.1	.0	2.67	5	3.76	.64

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13019.0	.00	97	2.3	.0	2.67	2	3.74	.64
13020.0	.00	100	1.9	.0	2.68	1	3.72	.64
13021.0	.00	100	1.5	.0	2.69	0	3.70	.64
13022.0	.00	100	1.2	.6	2.69	1	3.69	.64
13023.0	.00	100	1.1	1.1	2.68	5	3.68	.64
13024.0	.00	100	2.1	.0	2.67	9	3.66	.64
13025.0	.00	78	3.8	.0	2.66	8	3.64	.64
13026.0	.00	66	4.7	.0	2.65	10	3.60	.63
13027.0	.00	68	4.5	.0	2.66	15	3.55	.61
13028.0	.00	77	3.9	.0	2.67	17	3.51	.60
13029.0	.00	97	3.2	.0	2.69	18	3.47	.59
13030.0	.00	78	4.3	.0	2.69	15	3.44	.59
13031.0	.00	70	4.6	.0	2.70	23	3.39	.58
13032.0	.00	71	4.4	.0	2.69	17	3.35	.57
13033.0	.00	74	4.2	.0	2.68	6	3.31	.55
13034.0	.00	77	3.8	.0	2.69	2	3.27	.54
13035.0	.00	71	3.9	.0	2.68	0	3.23	.53
13036.0	.00	70	3.9	.0	2.65	0	3.19	.52
13037.0	.00	68	3.9	.0	2.65	0	3.15	.51
13038.0	.00	72	3.7	.0	2.65	0	3.11	.50
13039.0	.00	72	4.0	.0	2.65	1	3.07	.49
13040.0	.00	91	3.3	.0	2.65	14	3.03	.47
13070.0	.00	86	4.9	.0	2.65	44	2.97	.47
13071.0	.00	100	4.0	.0	2.65	40	2.92	.46
13072.0	.00	90	4.5	.0	2.65	34	2.88	.46
13073.0	.00	100	3.3	.0	2.69	33	2.84	.46
13074.0	.00	98	3.5	.0	2.72	15	2.81	.46
13075.0	.00	98	3.1	.0	2.70	3	2.78	.46
13076.0	.00	87	3.2	.0	2.68	2	2.75	.46
13077.0	.00	75	3.8	.0	2.68	6	2.71	.45
13078.0	.00	61	5.0	.0	2.68	3	2.67	.44
13079.0	.01	59	5.4	.0	2.67	9	2.62	.42
13080.0	.01	61	5.5	.0	2.66	19	2.57	.40
13081.0	.00	70	4.9	.0	2.69	28	2.51	.38
13082.0	.00	98	3.6	.0	2.71	39	2.47	.37
13085.0	.00	100	2.9	.0	2.69	43	2.42	.37
13086.0	.00	100	2.7	.0	2.69	43	2.39	.37
13087.0	.00	100	2.4	.0	2.71	44	2.37	.37
13089.0	.00	100	1.3	.0	2.67	49	2.34	.37
13090.0	.00	100	1.1	.0	2.73	48	2.33	.37
13093.0	.00	100	.5	.0	2.73	47	2.32	.37
13094.0	.00	100	.0	.0	2.71	43	2.32	.37
13109.0	.00	92	4.3	.0	2.75	41	2.29	.36

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13110.0	.00	100	1.8	.0	2.69	44	2.25	.36
13112.0	.00	100	1.0	.0	2.71	45	2.23	.36
13114.0	.00	100	1.0	.0	2.72	47	2.23	.36
13115.0	.00	100	2.8	.0	2.72	33	2.21	.36
13116.0	.00	98	3.4	.0	2.70	20	2.18	.36
13117.0	.00	82	4.4	.0	2.68	11	2.14	.36
13118.0	.01	64	5.8	.0	2.65	1	2.10	.34
13119.0	.02	55	6.5	.0	2.65	3	2.04	.32
13120.0	.04	47	7.2	.0	2.65	6	1.97	.29
13121.0	.11	41	8.2	.0	2.65	0	1.89	.25
13122.0	.05	42	7.3	.0	2.65	0	1.81	.20
13123.0	.01	56	5.6	.0	2.65	4	1.74	.16
13124.0	.00	79	3.7	.0	2.65	2	1.69	.14
13125.0	.00	100	2.3	.0	2.65	16	1.65	.13
13126.0	.00	100	.3	.0	2.77	25	1.64	.13
13127.0	.00	100	2.4	.0	2.73	26	1.63	.13
13128.0	.00	76	3.9	.0	2.70	39	1.60	.13
13140.0	.00	100	3.0	.0	2.70	44	1.55	.12
13142.0	.00	95	3.3	.0	2.65	42	1.52	.12
13143.0	.00	82	4.5	.0	2.65	31	1.48	.12
13144.0	.01	77	5.4	.0	2.65	35	1.43	.11
13149.0	.00	96	4.2	.0	2.65	49	1.38	.09
13150.0	.00	100	2.8	.0	2.66	47	1.36	.09
13151.0	.00	100	2.8	.0	2.67	39	1.33	.09
13152.0	.00	100	2.2	.0	2.69	37	1.30	.09
13153.0	.00	100	2.0	.0	2.69	36	1.28	.09
13154.0	.00	100	2.6	.0	2.67	37	1.26	.09
13155.0	.00	100	3.6	.0	2.65	36	1.23	.09
13156.0	.00	100	3.4	.0	2.65	44	1.19	.09
13167.0	.00	100	1.8	.0	2.72	41	1.15	.09
13168.0	.00	100	2.2	.0	2.73	27	1.13	.09
13169.0	.00	92	3.0	.0	2.68	26	1.11	.09
13170.0	.00	100	2.2	.0	2.65	21	1.08	.09
13171.0	.00	93	2.8	.0	2.65	7	1.05	.09
13172.0	.00	74	3.4	.0	2.65	7	1.02	.08
13173.0	.00	100	2.3	.0	2.67	38	.99	.07
13193.0	.00	94	3.9	.0	2.66	37	.95	.07
13194.0	.00	99	3.4	.0	2.66	29	.91	.07
13195.0	.00	100	1.7	.0	2.67	31	.88	.07
13196.0	.00	100	1.0	.0	2.67	45	.86	.07
13215.0	.00	100	3.2	.0	2.71	26	.84	.07

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13216.0	.00	100	2.2	.0	2.68	23	.81	.07
13217.0	.00	100	1.3	.0	2.68	15	.80	.07
13218.0	.00	100	1.2	.0	2.67	33	.78	.07
13219.0	.00	100	.5	.0	2.69	49	.77	.07
13220.0	.00	100	2.0	.0	2.68	36	.77	.07
13221.0	.00	100	2.2	.0	2.66	32	.74	.07
13222.0	.00	100	2.8	.0	2.67	29	.72	.07
13223.0	.00	99	3.0	.0	2.68	29	.69	.07
13224.0	.00	100	2.4	.0	2.69	29	.66	.07
13225.0	.00	100	2.7	.0	2.72	33	.64	.07
13228.0	.00	63	4.5	.0	2.69	26	.59	.06
13229.0	.00	76	3.4	.0	2.69	25	.55	.05
13241.0	.00	99	4.0	.0	2.71	49	.52	.04
13242.0	.00	100	2.3	.0	2.69	48	.48	.04
13251.0	.00	100	2.2	.0	2.68	39	.46	.04
13252.0	.00	97	2.9	.0	2.65	27	.44	.04
13253.0	.00	100	2.5	.0	2.65	15	.41	.04
13254.0	.00	100	2.5	.0	2.65	15	.38	.04
13255.0	.00	89	3.4	.0	2.65	26	.36	.04
13272.0	.00	100	1.3	.0	2.66	43	.32	.04
13273.0	.00	100	1.1	.0	2.67	34	.31	.04
13274.0	.00	100	2.4	.0	2.65	25	.30	.04
13275.0	.00	100	2.2	.0	2.65	25	.27	.04
13276.0	.00	100	1.8	.0	2.66	24	.25	.04
13277.0	.00	100	1.3	.0	2.68	21	.23	.04
13278.0	.00	100	2.0	.0	2.65	25	.22	.04
13279.0	.00	100	2.9	.0	2.65	26	.20	.04
13280.0	.01	74	6.1	.0	2.65	26	.16	.04
13281.0	.07	76	8.1	.0	2.65	32	.09	.01
13296.0	.00	100	1.1	.0	2.73	48	.01	.00

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* SCHLUMBERGER *
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GAS PRODUCERS ENTERPRISES

UTE TRIBAL NO. 1 - 27

BLUEBELL

DUCHESNE

UTAH

7 - 24 - 74

HOUSTON LOG INTERPRETATION CENTER

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CORIBAND JOB

THIS JOB IS IN FEET

THE INTERVAL FOR THIS JOB IS BOTTOM TO TOP

FREQUENCY OF LISTING IS 1 FOOT

DISCRIMINATION MADE ON LISTING IS FROM VSH = 50

PERMEABILITY IS FROM THE E-4 EQUATION

THE CONSTANT IN THE EQUATION IS 250.

Schlumberger

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13348.0	.00	100	.7	.0	2.70	42	26.32	5.97
13349.0	.00	100	.0	.0	2.71	42	26.32	5.97
13350.0	.00	100	.0	.0	2.65	49	26.32	5.97
13377.0	.00	100	2.6	.0	2.76	35	26.30	5.97
13378.0	.00	100	2.9	.0	2.72	15	26.27	5.97
13379.0	.00	100	2.4	.0	2.68	7	26.25	5.97
13380.0	.00	88	2.9	.0	2.65	5	26.22	5.97
13381.0	.00	60	3.4	.0	2.63	9	26.19	5.96
13382.0	.00	71	4.2	.0	2.63	8	26.15	5.95
13383.0	.00	83	2.9	.0	2.63	22	26.11	5.94
13384.0	.00	82	3.4	.0	2.65	20	26.09	5.93
13385.0	.00	85	3.6	.0	2.66	18	26.05	5.93
13386.0	.00	86	3.7	.0	2.66	10	26.02	5.92
13387.0	.00	90	3.2	.0	2.65	11	25.98	5.92
13388.0	.00	79	3.2	.0	2.65	7	25.95	5.91
13389.0	.00	100	1.8	.0	2.67	9	25.92	5.91
13390.0	.00	100	1.0	.0	2.68	11	25.91	5.91
13391.0	.00	100	2.1	.0	2.68	4	25.89	5.91
13392.0	.00	63	3.2	.0	2.66	1	25.87	5.91
13393.0	.00	62	4.1	.0	2.63	0	25.83	5.90
13394.0	.00	71	4.7	.0	2.63	0	25.79	5.88
13395.0	.00	100	3.1	.0	2.63	26	25.75	5.87
13401.0	.00	100	.5	.0	2.69	48	25.72	5.87
13402.0	.00	100	1.5	.0	2.65	47	25.71	5.87
13403.0	.00	100	1.4	.0	2.63	40	25.69	5.87
13404.0	.00	100	.8	.0	2.63	45	25.68	5.87
13407.0	.00	100	.8	.0	2.68	42	25.67	5.87
13408.0	.00	100	.7	.0	2.69	32	25.66	5.87
13409.0	.00	100	.7	.0	2.69	26	25.65	5.87
13410.0	.00	100	1.0	.0	2.68	29	25.65	5.87
13411.0	.00	100	1.8	.0	2.65	32	25.63	5.87
13412.0	.00	88	3.7	.0	2.63	30	25.61	5.87
13413.0	.00	100	1.5	.0	2.63	44	25.58	5.87
13419.0	.00	100	1.2	.0	2.66	36	25.56	5.87
13420.0	.00	100	1.4	.0	2.66	28	25.55	5.87
13421.0	.00	100	.5	.0	2.67	39	25.54	5.87
13437.0	.00	100	.0	.0	2.74	44	25.53	5.87
13438.0	.00	100	.0	.0	2.71	29	25.53	5.87
13439.0	.00	100	.2	.0	2.70	14	25.53	5.87
13440.0	.00	100	.4	.0	2.70	15	25.53	5.87
13441.0	.00	100	1.0	.0	2.68	13	25.53	5.87
13442.0	.00	100	1.2	.0	2.68	10	25.52	5.87

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13443.0	.00	100	1.7	.0	2.67	9	25.50	5.87
13444.0	.00	100	1.6	.0	2.67	9	25.49	5.87
13445.0	.00	100	2.2	.0	2.66	6	25.47	5.87
13446.0	.00	70	2.9	.0	2.66	4	25.45	5.87
13447.0	.00	62	3.7	.0	2.66	1	25.41	5.86
13448.0	.00	67	3.6	.0	2.66	0	25.38	5.85
13449.0	.00	100	3.0	.0	2.66	4	25.34	5.84
13450.0	.00	100	2.3	.0	2.66	9	25.31	5.84
13451.0	.00	94	3.2	.7	2.65	10	25.29	5.84
13452.0	.00	94	3.7	2.3	2.63	31	25.25	5.83
13458.0	.00	100	.1	.0	2.70	47	25.18	5.82
13459.0	.00	100	.0	.0	2.73	38	25.18	5.82
13460.0	.00	100	.0	.0	2.73	35	25.18	5.82
13461.0	.00	100	.7	.0	2.70	28	25.18	5.82
13462.0	.00	100	1.3	.0	2.67	25	25.17	5.82
13463.0	.00	100	1.7	.0	2.67	18	25.16	5.82
13464.0	.00	100	2.2	.0	2.66	11	25.14	5.82
13465.0	.00	100	1.6	.0	2.67	10	25.12	5.82
13466.0	.00	100	1.0	.0	2.69	8	25.11	5.82
13467.0	.00	100	1.4	.0	2.68	10	25.10	5.82
13468.0	.00	100	1.6	.0	2.67	14	25.08	5.82
13469.0	.00	100	2.1	.0	2.66	24	25.06	5.82
13470.0	.00	90	3.5	.0	2.67	14	25.04	5.82
13471.0	.00	92	3.3	.0	2.67	6	25.00	5.82
13472.0	.00	100	2.5	.0	2.67	6	24.97	5.82
13473.0	.00	72	3.5	.0	2.65	4	24.95	5.81
13474.0	.00	67	3.3	.0	2.66	4	24.91	5.80
13475.0	.00	65	3.3	.0	2.67	0	24.88	5.79
13476.0	.00	58	3.5	.0	2.67	0	24.85	5.78
13477.0	.00	59	3.2	.0	2.66	0	24.81	5.77
13478.0	.00	63	3.7	.0	2.68	7	24.78	5.75
13479.0	.00	75	3.9	.3	2.68	22	24.74	5.74
13480.0	.00	91	2.9	2.5	2.65	48	24.70	5.73
13503.0	.00	100	.0	.0	2.69	44	24.69	5.73
13509.0	.00	100	.9	.0	2.69	43	24.68	5.73
13510.0	.00	100	1.1	.0	2.69	33	24.67	5.73
13511.0	.00	100	1.5	.0	2.69	28	24.66	5.73
13512.0	.00	100	1.5	.7	2.66	35	24.65	5.73
13513.0	.00	100	.8	.0	2.68	38	24.63	5.73
13514.0	.00	100	.2	.0	2.70	47	24.63	5.73
13517.0	.00	100	.1	.0	2.71	49	24.63	5.73
13518.0	.00	100	1.2	.0	2.69	41	24.62	5.73
13519.0	.00	100	2.4	.0	2.68	27	24.61	5.73
13520.0	.00	79	3.9	.0	2.68	5	24.58	5.73

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13521.0	.00	76	3.8	.0	2.65	0	24.54	5.72
13522.0	.00	48	4.4	.0	2.65	0	24.50	5.71
13523.0	.00	55	3.5	.0	2.66	3	24.46	5.69
13524.0	.00	74	3.0	.0	2.66	4	24.43	5.68
13525.0	.00	89	2.5	.0	2.67	6	24.40	5.67
13526.0	.00	91	2.7	.0	2.65	11	24.37	5.67
13527.0	.00	83	3.0	.0	2.65	8	24.34	5.67
13528.0	.00	74	3.2	.0	2.66	4	24.31	5.66
13529.0	.00	86	3.6	.0	2.66	1	24.28	5.65
13530.0	.00	74	3.6	.0	2.66	0	24.25	5.65
13531.0	.00	88	3.0	.0	2.67	0	24.21	5.64
13532.0	.00	100	2.1	.0	2.66	5	24.18	5.64
13533.0	.00	100	2.2	.0	2.66	6	24.16	5.64
13534.0	.00	100	2.3	.0	2.66	8	24.14	5.64
13535.0	.00	100	2.1	.0	2.66	17	24.12	5.64
13536.0	.00	100	1.5	.0	2.66	38	24.10	5.64
13577.0	.00	100	.8	.0	2.71	40	24.09	5.64
13578.0	.00	100	1.5	.0	2.70	25	24.08	5.64
13579.0	.00	100	1.2	.0	2.68	19	24.06	5.64
13580.0	.00	100	1.0	.0	2.69	12	24.05	5.64
13581.0	.00	100	.6	.0	2.69	17	24.04	5.64
13582.0	.00	100	.6	.0	2.69	21	24.03	5.64
13583.0	.00	100	1.1	.0	2.68	22	24.03	5.64
13584.0	.00	100	1.0	.0	2.68	19	24.02	5.64
13585.0	.00	100	1.1	.0	2.68	12	24.01	5.64
13586.0	.00	100	1.2	.0	2.68	11	23.99	5.64
13587.0	.00	100	1.5	.0	2.67	9	23.98	5.64
13588.0	.00	91	2.9	.0	2.65	7	23.96	5.64
13589.0	.00	91	4.2	.0	2.63	0	23.93	5.64
13590.0	.00	65	4.5	.0	2.64	0	23.89	5.63
13591.0	.00	100	2.6	.0	2.65	10	23.85	5.62
13592.0	.00	98	3.6	.0	2.65	13	23.82	5.62
13593.0	.00	100	1.4	.4	2.67	29	23.79	5.62
13594.0	.00	100	1.7	.0	2.70	25	23.77	5.62
13595.0	.00	100	.7	.7	2.70	46	23.76	5.62
13596.0	.00	100	.0	.0	2.72	48	23.75	5.62
13597.0	.00	100	.1	.0	2.71	46	23.75	5.62
13598.0	.00	100	.4	.0	2.69	45	23.75	5.62
13599.0	.00	100	.4	.0	2.69	43	23.75	5.62
13600.0	.00	100	.8	.0	2.68	34	23.74	5.62
13601.0	.00	100	.8	.0	2.69	23	23.74	5.62
13602.0	.00	100	.9	.0	2.69	14	23.73	5.62
13603.0	.00	100	1.0	.0	2.68	11	23.72	5.62
13604.0	.00	100	1.3	.0	2.68	12	23.71	5.62
13605.0	.00	100	1.5	.0	2.67	15	23.70	5.62
13606.0	.00	100	1.7	.0	2.66	19	23.68	5.62
13607.0	.00	100	2.0	.0	2.66	19	23.66	5.62

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13608.0	.00	100	3.5	.0	2.65	5	23.64	5.62
13609.0	.00	97	4.2	.0	2.63	8	23.60	5.62
13610.0	.00	100	3.7	.0	2.63	32	23.56	5.62
13618.0	.00	100	.0	.0	2.71	47	23.54	5.62
13619.0	.00	100	.1	.0	2.71	43	23.54	5.62
13620.0	.00	100	.3	.0	2.70	36	23.54	5.62
13621.0	.00	100	1.1	.0	2.68	22	23.54	5.62
13622.0	.00	100	1.0	.0	2.68	18	23.52	5.62
13623.0	.00	100	.4	.0	2.70	23	23.52	5.62
13624.0	.00	100	.0	.0	2.72	38	23.51	5.62
13625.0	.00	100	.6	.0	2.69	47	23.51	5.62
13626.0	.00	100	1.1	.0	2.67	46	23.51	5.62
13635.0	.00	100	.6	.0	2.68	48	23.50	5.62
13636.0	.00	100	.5	.0	2.69	47	23.49	5.62
13647.0	.00	100	1.8	.0	2.63	44	23.48	5.62
13656.0	.00	100	.4	.0	2.70	38	23.47	5.62
13657.0	.00	100	.9	.0	2.68	38	23.46	5.62
13665.0	.00	100	1.0	.0	2.67	44	23.44	5.62
13666.0	.00	100	1.1	.0	2.67	35	23.43	5.62
13667.0	.00	100	1.5	.0	2.68	26	23.42	5.62
13668.0	.00	100	3.2	.0	2.67	4	23.40	5.62
13669.0	.00	78	4.2	.0	2.64	0	23.37	5.62
13670.0	.00	75	3.8	.0	2.63	0	23.33	5.61
13671.0	.00	75	3.7	.0	2.65	0	23.29	5.59
13672.0	.00	100	2.4	.0	2.66	2	23.25	5.59
13673.0	.00	100	2.0	.0	2.67	3	23.23	5.59
13674.0	.00	100	1.3	.0	2.68	5	23.21	5.59
13675.0	.00	100	1.8	.0	2.67	6	23.20	5.59
13676.0	.00	100	2.9	.0	2.64	13	23.18	5.59
13677.0	.00	91	3.8	.0	2.63	27	23.14	5.59
13683.0	.00	100	1.6	.0	2.74	47	23.11	5.59
13684.0	.00	100	.1	.0	2.68	43	23.09	5.59
13685.0	.00	100	.4	.0	2.70	25	23.09	5.59
13686.0	.00	100	.0	.0	2.72	25	23.09	5.59
13687.0	.00	100	.0	.0	2.75	37	23.09	5.59
13688.0	.00	100	.0	.0	2.72	45	23.09	5.59
13693.0	.00	100	.7	.0	2.68	49	23.08	5.59
13694.0	.00	100	.7	.0	2.68	48	23.07	5.59
13700.0	.00	100	2.6	.0	2.79	48	23.07	5.59
13701.0	.00	100	1.6	.0	2.78	42	23.05	5.59

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13710.0	.00	100	1.7	.0	2.68	39	23.03	5.59
13711.0	.00	100	1.3	.0	2.70	33	23.01	5.59
13712.0	.00	100	1.4	.0	2.69	29	23.00	5.59
13713.0	.00	100	.9	.0	2.68	27	22.98	5.59
13714.0	.00	100	.8	.0	2.69	16	22.98	5.59
13715.0	.00	100	1.2	.0	2.68	11	22.97	5.59
13716.0	.00	100	.8	.0	2.69	9	22.96	5.59
13717.0	.00	100	.5	.0	2.70	14	22.95	5.59
13718.0	.00	100	.8	.0	2.68	29	22.94	5.59
13728.0	.01	76	5.2	.0	2.66	47	22.93	5.59
13729.0	.00	100	1.7	.0	2.63	28	22.89	5.58
13730.0	.00	100	.0	.0	2.63	44	22.88	5.58
13737.0	.00	100	1.0	.0	2.63	40	22.87	5.58
13738.0	.00	100	1.1	.0	2.67	29	22.86	5.58
13739.0	.00	100	.3	.0	2.70	37	22.85	5.58
13767.0	.00	100	.8	.0	2.68	40	22.85	5.58
13768.0	.00	100	2.1	.0	2.65	33	22.83	5.58
13769.0	.00	100	1.4	.0	2.66	33	22.81	5.58
13770.0	.00	100	1.2	.0	2.69	27	22.80	5.58
13771.0	.00	100	2.1	.0	2.70	18	22.79	5.58
13772.0	.00	100	3.2	.0	2.69	7	22.77	5.58
13773.0	.00	82	4.1	.0	2.68	0	22.73	5.58
13774.0	.00	76	4.7	.0	2.66	1	22.69	5.57
13775.0	.01	62	5.5	.0	2.65	0	22.64	5.56
13776.0	.01	57	5.9	.0	2.65	0	22.59	5.53
13777.0	.01	57	5.9	.0	2.65	1	22.53	5.51
13778.0	.01	60	6.0	.0	2.65	5	22.47	5.48
13779.0	.01	55	6.1	.0	2.65	7	22.41	5.46
13780.0	.02	56	6.6	.0	2.65	4	22.34	5.43
13781.0	.03	44	6.9	.0	2.63	0	22.28	5.40
13782.0	.02	46	6.2	.0	2.63	0	22.21	5.36
13783.0	.02	51	6.6	.0	2.63	0	22.15	5.33
13784.0	.02	50	6.5	.0	2.64	0	22.08	5.30
13785.0	.00	73	4.8	.0	2.68	3	22.02	5.27
13786.0	.00	100	4.7	.0	2.67	5	21.97	5.26
13787.0	.00	76	4.9	.0	2.65	8	21.93	5.26
13788.0	.00	74	4.7	.0	2.66	8	21.88	5.25
13789.0	.01	68	5.5	.0	2.67	2	21.83	5.24
13790.0	.01	59	5.8	.0	2.66	0	21.78	5.22
13791.0	.00	60	5.0	.0	2.67	5	21.72	5.19
13792.0	.00	60	4.7	.0	2.65	10	21.67	5.17
13793.0	.00	60	4.9	.0	2.65	7	21.62	5.15
13794.0	.00	77	4.0	.0	2.65	10	21.58	5.14
13795.0	.00	77	3.5	.0	2.67	8	21.54	5.13

Schlumberger

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13796.0	.00	84	3.6	.0	2.67	5	21.50	5.12
13797.0	.00	80	4.3	.0	2.66	4	21.47	5.12
13798.0	.00	75	4.3	.0	2.66	3	21.42	5.11
13799.0	.00	78	4.2	.0	2.65	6	21.38	5.10
13800.0	.00	74	4.4	.0	2.65	8	21.34	5.09
13801.0	.00	74	4.4	.0	2.65	8	21.29	5.08
13802.0	.00	85	4.0	.0	2.65	12	21.25	5.07
13803.0	.00	91	3.5	.0	2.66	16	21.21	5.06
13804.0	.00	93	3.1	.0	2.67	14	21.18	5.06
13805.0	.00	100	2.3	.0	2.65	19	21.15	5.06
13806.0	.00	100	2.7	.0	2.65	17	21.13	5.06
13807.0	.00	100	2.4	.0	2.65	14	21.10	5.06
13808.0	.00	99	2.5	.0	2.66	18	21.08	5.06
13809.0	.00	62	4.3	.0	2.69	4	21.05	5.05
13810.0	.00	87	4.0	.0	2.67	7	21.00	5.04
13811.0	.00	100	2.9	.0	2.65	7	20.97	5.03
13812.0	.00	100	2.8	.0	2.65	5	20.94	5.03
13813.0	.00	100	2.1	.0	2.66	9	20.91	5.03
13814.0	.00	100	1.0	.0	2.68	27	20.89	5.03
13815.0	.00	100	.0	.0	2.71	48	20.88	5.03
13833.0	.00	100	.6	.0	2.69	47	20.88	5.03
13834.0	.00	100	.9	.0	2.68	39	20.88	5.03
13835.0	.00	100	1.1	.0	2.69	30	20.87	5.03
13836.0	.00	100	2.5	.0	2.68	17	20.86	5.03
13837.0	.00	83	3.7	.0	2.66	10	20.83	5.03
13838.0	.00	64	4.4	.0	2.65	0	20.79	5.02
13839.0	.00	68	4.3	.0	2.65	0	20.75	5.01
13840.0	.00	62	4.4	.0	2.64	0	20.70	5.00
13841.0	.00	64	4.1	.0	2.65	2	20.66	4.98
13842.0	.00	64	3.8	.0	2.65	2	20.62	4.96
13843.0	.00	71	3.4	.0	2.66	5	20.58	4.95
13844.0	.00	98	3.3	.0	2.66	1	20.55	4.94
13845.0	.00	83	3.2	.0	2.67	0	20.52	4.94
13846.0	.00	85	2.9	.0	2.66	2	20.48	4.94
13847.0	.00	100	2.3	.0	2.65	11	20.46	4.94
13848.0	.00	100	2.3	.0	2.65	10	20.43	4.94
13849.0	.00	100	2.0	.0	2.66	15	20.41	4.94
13850.0	.00	100	1.9	.0	2.66	24	20.39	4.94
13851.0	.00	100	1.3	.0	2.66	41	20.37	4.94
13860.0	.00	100	.2	.0	2.70	41	20.37	4.94
13861.0	.00	100	1.0	.0	2.68	30	20.36	4.94
13862.0	.00	100	1.1	.0	2.68	27	20.35	4.94
13863.0	.00	100	.6	.0	2.69	37	20.34	4.94
13864.0	.00	100	.7	.0	2.68	43	20.33	4.94
13865.0	.00	100	.5	.0	2.69	37	20.33	4.94
13866.0	.00	100	1.4	.0	2.71	18	20.32	4.94

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13867.0	.00	100	1.1	.0	2.68	19	20.31	4.94
13868.0	.00	100	1.1	.0	2.68	31	20.30	4.94
13869.0	.00	100	.7	.0	2.68	45	20.29	4.94
13870.0	.00	100	1.1	.0	2.70	39	20.28	4.94
13871.0	.00	100	.3	.0	2.70	36	20.27	4.94
13872.0	.00	100	.4	.0	2.69	41	20.27	4.94
13883.0	.00	100	.3	.0	2.70	49	20.27	4.94
13884.0	.00	100	.7	.0	2.68	45	20.26	4.94
13885.0	.00	100	1.0	.0	2.67	49	20.25	4.94
13886.0	.00	100	1.8	.0	2.70	46	20.25	4.94
13887.0	.00	85	5.0	.0	2.72	13	20.22	4.94
13888.0	.00	89	4.8	.0	2.68	0	20.17	4.93
13889.0	.00	97	3.1	.0	2.66	2	20.13	4.92
13890.0	.00	96	3.8	.0	2.65	0	20.10	4.92
13891.0	.00	76	3.0	.0	2.67	0	20.06	4.92
13892.0	.00	87	3.0	.0	2.68	0	20.03	4.91
13893.0	.00	82	3.4	.0	2.68	0	20.00	4.91
13894.0	.00	70	4.1	.0	2.67	5	19.96	4.90
13895.0	.00	81	3.7	.0	2.66	13	19.92	4.89
13896.0	.00	75	4.0	.0	2.65	5	19.88	4.88
13897.0	.00	80	3.6	.0	2.65	0	19.84	4.87
13898.0	.00	74	3.6	.0	2.66	0	19.81	4.86
13899.0	.00	100	3.3	.0	2.65	7	19.77	4.86
13900.0	.00	100	2.9	.0	2.65	14	19.74	4.86
13901.0	.00	100	1.9	.0	2.65	41	19.71	4.86
13907.0	.00	100	.7	.0	2.71	48	19.70	4.86
13908.0	.00	100	1.7	.0	2.70	17	19.69	4.86
13909.0	.00	100	1.6	.0	2.69	2	19.68	4.86
13910.0	.00	100	1.2	.0	2.68	15	19.66	4.86
13911.0	.00	100	1.4	.0	2.66	41	19.65	4.86
13914.0	.00	100	.6	.0	2.69	47	19.64	4.86
13915.0	.00	100	.5	.0	2.69	44	19.64	4.86
13916.0	.00	100	.5	.0	2.69	42	19.63	4.86
13917.0	.00	100	.5	.0	2.69	39	19.63	4.86
13918.0	.00	100	.2	.0	2.70	38	19.62	4.86
13919.0	.00	100	.5	.0	2.71	27	19.62	4.86
13920.0	.00	100	.1	.0	2.71	27	19.62	4.86
13921.0	.00	100	.5	.0	2.71	32	19.62	4.86
13922.0	.00	100	.1	.0	2.71	45	19.61	4.86
13927.0	.00	100	.2	.0	2.70	44	19.61	4.86
13928.0	.00	100	.1	.0	2.71	44	19.61	4.86
13929.0	.00	100	.0	.0	2.71	49	19.61	4.86
13932.0	.00	100	.6	.0	2.69	45	19.60	4.86

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
13933.0	.00	100	.7	.0	2.69	39	19.60	4.86
13934.0	.00	100	1.3	.0	2.67	37	19.59	4.86
13935.0	.00	100	1.7	.0	2.65	39	19.58	4.86
13948.0	.00	100	.0	.0	2.73	46	19.56	4.86
13949.0	.00	100	.3	.0	2.70	30	19.56	4.86
13950.0	.00	100	.9	.0	2.69	19	19.56	4.86
13951.0	.00	100	1.2	.0	2.68	18	19.55	4.86
13952.0	.00	100	1.1	.0	2.68	25	19.54	4.86
13953.0	.00	100	1.3	.0	2.67	32	19.52	4.86
13954.0	.00	100	2.2	.0	2.64	35	19.51	4.86
13955.0	.00	100	1.8	.0	2.65	36	19.49	4.86
13958.0	.00	100	.6	.0	2.69	47	19.47	4.86
13959.0	.00	100	.8	.0	2.68	34	19.46	4.86
13960.0	.00	100	.4	.0	2.69	38	19.46	4.86
13966.0	.00	100	1.2	.0	2.70	47	19.45	4.86
13967.0	.00	100	.7	.0	2.69	41	19.44	4.86
13968.0	.00	100	.3	.0	2.70	34	19.44	4.86
13969.0	.00	100	.0	.0	2.71	39	19.44	4.86
13970.0	.00	100	.0	.0	2.71	45	19.44	4.86
13971.0	.00	100	.0	.0	2.71	45	19.44	4.86
13980.0	.03	60	6.8	.0	2.67	31	19.44	4.86
13981.0	.03	64	7.0	.0	2.66	4	19.36	4.82
13982.0	.00	91	3.6	.0	2.67	0	19.30	4.81
13983.0	.00	75	3.2	.0	2.67	0	19.27	4.80
13984.0	.00	64	3.5	.0	2.67	0	19.23	4.79
13985.0	.00	68	3.6	.0	2.66	0	19.20	4.78
13986.0	.00	65	3.6	.0	2.65	2	19.16	4.77
13987.0	.00	55	4.2	.0	2.64	0	19.12	4.76
13988.0	.00	61	4.0	.0	2.65	0	19.08	4.74
13989.0	.00	59	3.9	.0	2.65	0	19.04	4.72
13990.0	.00	57	4.6	.0	2.64	0	19.00	4.70
13991.0	.00	49	4.8	.0	2.63	0	18.95	4.68
13992.0	.00	55	4.9	.0	2.64	0	18.91	4.66
13993.0	.00	71	4.3	.0	2.65	2	18.86	4.64
13994.0	.00	81	3.7	.0	2.65	5	18.82	4.63
13995.0	.00	100	2.6	.0	2.65	12	18.78	4.63
13996.0	.00	100	2.2	.0	2.66	8	18.76	4.63
13997.0	.00	100	1.5	.0	2.68	4	18.74	4.63
13998.0	.00	100	1.0	.0	2.69	5	18.72	4.63
13999.0	.00	100	.4	.0	2.70	6	18.72	4.63
14000.0	.00	100	.3	.0	2.70	8	18.71	4.63
14001.0	.00	100	.7	.0	2.69	17	18.71	4.63
14002.0	.00	100	.9	.0	2.68	29	18.70	4.63
14003.0	.00	100	.5	.0	2.69	40	18.69	4.63

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14017.0	.00	100	.5	.0	2.69	45	18.69	4.63
14033.0	.00	100	.2	.0	2.75	42	18.68	4.63
14034.0	.00	100	.1	.0	2.77	45	18.68	4.63
14049.0	.00	100	1.8	.0	2.71	38	18.66	4.63
14050.0	.00	100	1.2	1.2	2.67	39	18.65	4.63
14051.0	.00	100	.6	.0	2.69	48	18.64	4.63
14053.0	.00	100	1.0	.0	2.75	42	18.63	4.63
14054.0	.00	100	.3	.0	2.70	40	18.62	4.63
14055.0	.00	100	.7	.0	2.68	49	18.62	4.63
14056.0	.00	100	.8	.0	2.68	46	18.61	4.63
14057.0	.00	100	.3	.0	2.70	30	18.61	4.63
14058.0	.00	100	.2	.0	2.70	35	18.60	4.63
14059.0	.00	100	.0	.0	2.72	49	18.60	4.63
14061.0	.00	100	.5	.0	2.69	43	18.60	4.63
14062.0	.00	100	.7	.0	2.68	43	18.60	4.63
14067.0	.00	100	1.9	.0	2.66	45	18.60	4.63
14068.0	.00	92	3.7	.0	2.63	25	18.57	4.62
14069.0	.00	100	2.0	.0	2.63	23	18.54	4.62
14070.0	.00	100	1.2	.0	2.63	44	18.52	4.62
14086.0	.00	100	1.8	.0	2.72	43	18.51	4.62
14087.0	.00	100	2.6	.0	2.70	18	18.49	4.62
14088.0	.00	100	2.9	.0	2.67	5	18.46	4.62
14089.0	.00	100	2.3	.0	2.66	5	18.44	4.62
14090.0	.00	100	1.7	.0	2.67	14	18.42	4.62
14091.0	.00	100	1.4	.0	2.68	35	18.40	4.62
14092.0	.00	100	2.5	.0	2.68	35	18.38	4.62
14093.0	.00	100	3.2	.9	2.65	41	18.36	4.62
14107.0	.00	100	.0	.0	2.71	49	18.32	4.62
14108.0	.00	100	.0	.0	2.71	48	18.32	4.62
14109.0	.00	100	.4	.0	2.69	49	18.31	4.62
14112.0	.00	82	4.8	.0	2.66	45	18.31	4.62
14113.0	.00	100	3.0	.0	2.72	44	18.26	4.61
14119.0	.00	100	.0	.0	2.76	47	18.24	4.61
14120.0	.00	100	.4	.0	2.76	48	18.24	4.61
14131.0	.00	82	5.1	.4	2.65	49	18.24	4.61
14132.0	.02	65	6.8	.2	2.65	32	18.19	4.60
14133.0	.12	52	8.9	2.1	2.65	11	18.12	4.57

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14134.0	.05	59	7.6	2.6	2.65	6	18.03	4.53
14135.0	.01	71	5.9	2.8	2.65	26	17.96	4.50
14136.0	.00	78	5.1	1.4	2.65	49	17.90	4.49
14142.0	.00	100	1.9	.0	2.69	48	17.87	4.48
14143.0	.00	100	1.1	.0	2.68	41	17.86	4.48
14144.0	.00	100	1.2	.0	2.67	27	17.85	4.48
14145.0	.00	100	1.0	.0	2.68	19	17.83	4.48
14146.0	.00	100	1.1	.0	2.68	22	17.82	4.48
14147.0	.00	100	1.0	.0	2.68	32	17.81	4.48
14148.0	.00	100	.8	.0	2.68	35	17.80	4.48
14149.0	.00	100	.8	.2	2.68	38	17.80	4.48
14152.0	.00	95	4.2	.0	2.70	37	17.76	4.48
14153.0	.00	100	1.4	.0	2.67	24	17.73	4.48
14154.0	.00	100	1.5	.0	2.68	8	17.71	4.48
14155.0	.00	100	1.6	.0	2.67	10	17.70	4.48
14156.0	.00	100	1.6	.0	2.67	15	17.68	4.48
14157.0	.00	100	1.4	.0	2.67	16	17.67	4.48
14158.0	.00	100	1.6	.0	2.67	19	17.65	4.48
14159.0	.00	100	1.8	.0	2.67	15	17.64	4.48
14160.0	.00	100	2.0	.0	2.66	8	17.62	4.48
14161.0	.00	100	2.1	.0	2.66	7	17.60	4.48
14162.0	.00	100	1.7	.0	2.67	12	17.58	4.48
14163.0	.00	100	1.8	.0	2.67	18	17.56	4.48
14164.0	.00	100	3.1	.0	2.65	11	17.54	4.48
14165.0	.00	71	5.0	.0	2.63	0	17.50	4.47
14166.0	.00	75	4.4	.0	2.63	10	17.45	4.46
14167.0	.00	87	3.6	.3	2.63	32	17.41	4.45
14168.0	.23	45	9.6	2.6	2.65	3	17.34	4.42
14169.0	.01	73	5.4	.0	2.65	45	17.26	4.38
14174.0	.00	100	.5	.0	2.69	45	17.23	4.37
14175.0	.00	100	.0	.0	2.76	45	17.23	4.37
14176.0	.00	100	.0	.0	2.72	44	17.23	4.37
14177.0	.00	100	.0	.0	2.73	36	17.23	4.37
14178.0	.00	100	.0	.0	2.73	31	17.23	4.37
14179.0	.00	100	.0	.0	2.72	29	17.23	4.37
14180.0	.00	100	.4	.0	2.70	32	17.23	4.37
14181.0	.00	100	1.3	.0	2.67	33	17.22	4.37
14182.0	.00	100	1.9	.0	2.66	27	17.21	4.37
14183.0	.00	100	1.7	.0	2.69	20	17.19	4.37
14184.0	.00	100	1.4	.0	2.67	21	17.17	4.37
14185.0	.00	100	2.5	.0	2.65	12	17.16	4.37
14186.0	.00	100	2.6	.0	2.65	11	17.13	4.37
14187.0	.00	100	2.5	.0	2.65	11	17.10	4.37
14188.0	.00	91	3.9	.0	2.65	2	17.08	4.37
14189.0	.00	73	4.1	.0	2.66	0	17.04	4.36

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14190.0	.00	92	4.1	.0	2.66	0	17.00	4.35
14191.0	.00	53	4.4	.0	2.65	0	16.95	4.34
14192.0	.00	49	4.3	.0	2.65	0	16.91	4.32
14193.0	.00	59	4.0	.0	2.66	0	16.87	4.30
14194.0	.00	53	4.1	.0	2.65	0	16.83	4.29
14195.0	.00	57	4.4	.0	2.65	0	16.79	4.27
14196.0	.00	75	3.5	.0	2.65	6	16.74	4.25
14197.0	.00	56	5.2	.0	2.65	1	16.71	4.24
14198.0	.02	48	6.3	.0	2.64	0	16.65	4.21
14199.0	.01	50	5.8	.0	2.65	0	16.59	4.18
14200.0	.00	61	5.2	.0	2.67	0	16.53	4.16
14201.0	.02	58	6.6	.0	2.69	3	16.48	4.14
14202.0	.01	65	5.9	.8	2.70	19	16.41	4.11
14209.0	.00	100	.3	.0	2.70	45	16.36	4.09
14210.0	.00	100	.3	.0	2.70	44	16.36	4.09
14217.0	.00	100	1.1	.0	2.70	42	16.35	4.09
14218.0	.00	100	.0	.0	2.67	42	16.34	4.09
14224.0	.00	100	1.1	.0	2.69	49	16.34	4.09
14225.0	.00	100	1.4	.0	2.70	41	16.33	4.09
14226.0	.00	100	.1	.0	2.71	35	16.32	4.09
14227.0	.00	100	.1	.0	2.71	34	16.32	4.09
14228.0	.00	100	.0	.0	2.73	47	16.32	4.09
14230.0	.00	100	1.9	.0	2.77	42	16.31	4.09
14231.0	.00	100	.0	.0	2.71	42	16.30	4.09
14232.0	.00	100	.9	.0	2.68	38	16.29	4.09
14233.0	.00	100	1.2	.0	2.67	42	16.28	4.09
14234.0	.00	100	1.5	.0	2.66	36	16.27	4.09
14235.0	.00	100	3.0	.0	2.65	21	16.25	4.09
14236.0	.00	100	1.9	.0	2.65	27	16.23	4.09
14237.0	.00	100	1.7	.0	2.65	38	16.21	4.09
14238.0	.00	100	2.1	.0	2.66	35	16.19	4.09
14239.0	.00	100	2.2	.0	2.67	26	16.17	4.09
14240.0	.00	100	1.4	.0	2.67	18	16.15	4.09
14241.0	.00	100	1.2	.0	2.68	13	16.14	4.09
14242.0	.00	100	1.4	.0	2.67	19	16.12	4.09
14243.0	.00	100	1.2	.0	2.67	31	16.11	4.09
14244.0	.00	100	1.0	.0	2.67	44	16.10	4.09
14274.0	.00	100	.7	.0	2.72	47	16.08	4.09
14275.0	.00	100	.2	.0	2.70	49	16.07	4.09
14276.0	.00	100	1.6	.0	2.73	42	16.07	4.09
14277.0	.00	100	1.9	.0	2.73	36	16.05	4.09
14278.0	.00	100	.3	.0	2.73	35	16.04	4.09
14279.0	.00	100	.0	.0	2.74	34	16.03	4.09

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14280.0	.00	100	.5	.0	2.69	42	16.03	4.09
14281.0	.00	100	2.2	.0	2.66	47	16.03	4.09
14282.0	.00	100	2.0	.0	2.67	36	16.01	4.09
14283.0	.00	100	1.2	.0	2.68	27	15.99	4.09
14284.0	.00	100	.5	.0	2.70	27	15.98	4.09
14285.0	.00	100	.2	.0	2.70	40	15.98	4.09
14286.0	.00	100	1.5	.0	2.71	38	15.97	4.09
14287.0	.00	100	2.8	.0	2.70	22	15.95	4.09
14288.0	.00	100	2.0	.0	2.68	11	15.93	4.09
14289.0	.00	100	1.2	.0	2.68	9	15.91	4.09
14290.0	.00	100	1.6	.0	2.67	8	15.90	4.09
14291.0	.00	100	1.8	.0	2.67	8	15.88	4.09
14292.0	.00	100	2.5	.0	2.65	11	15.86	4.09
14293.0	.00	100	1.8	.0	2.65	33	15.84	4.09
14295.0	.00	100	2.1	.0	2.73	40	15.81	4.09
14296.0	.00	100	2.8	.0	2.74	20	15.79	4.09
14297.0	.00	100	2.5	.0	2.73	12	15.76	4.09
14298.0	.00	100	.2	.0	2.70	30	15.74	4.09
14299.0	.00	100	1.0	.3	2.67	47	15.74	4.09
14301.0	.00	92	4.5	.0	2.63	49	15.74	4.09
14305.0	.00	100	3.6	.0	2.74	36	15.69	4.09
14306.0	.00	100	2.3	.0	2.73	28	15.66	4.09
14307.0	.00	100	1.0	.0	2.70	24	15.64	4.09
14308.0	.00	100	.9	.0	2.69	17	15.63	4.09
14309.0	.00	100	.5	.0	2.70	27	15.62	4.09
14310.0	.00	100	1.2	.0	2.69	39	15.62	4.09
14311.0	.00	100	1.9	.0	2.68	36	15.60	4.09
14312.0	.00	100	1.1	.0	2.68	28	15.59	4.09
14313.0	.00	100	1.3	.0	2.67	29	15.57	4.09
14314.0	.00	100	1.0	.0	2.68	33	15.56	4.09
14315.0	.00	100	.7	.0	2.69	20	15.55	4.09
14316.0	.00	100	1.4	.0	2.67	11	15.54	4.09
14317.0	.00	100	1.0	.0	2.69	11	15.53	4.09
14318.0	.00	100	.4	.0	2.70	13	15.52	4.09
14319.0	.00	100	.7	.0	2.69	20	15.52	4.09
14320.0	.00	100	1.8	.0	2.69	16	15.51	4.09
14321.0	.00	100	2.0	.0	2.69	11	15.49	4.09
14322.0	.00	100	1.8	.0	2.69	5	15.47	4.09
14323.0	.00	100	1.9	.0	2.68	5	15.45	4.09
14324.0	.00	77	2.7	.0	2.67	3	15.43	4.09
14325.0	.00	100	2.7	.0	2.67	2	15.40	4.09
14326.0	.00	93	2.2	.0	2.68	2	15.38	4.09
14327.0	.00	48	4.2	.0	2.69	0	15.35	4.08
14328.0	.03	38	6.4	.0	2.72	2	15.31	4.05
14329.0	.01	51	6.0	.0	2.74	17	15.24	4.02

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14330.0	.00	73	3.9	.6	2.73	45	15.19	3.99
14352.0	.00	100	.2	.0	2.70	43	15.16	3.99
14363.0	.00	100	.5	.0	2.69	49	15.16	3.99
14380.0	.00	100	.0	.0	2.74	47	15.16	3.99
14403.0	.00	100	2.5	.0	2.72	49	15.16	3.99
14404.0	.00	100	3.3	.0	2.74	36	15.13	3.99
14405.0	.00	100	3.1	.0	2.72	29	15.10	3.99
14406.0	.00	100	1.9	.0	2.69	26	15.07	3.99
14407.0	.00	100	1.7	.0	2.69	13	15.05	3.99
14408.0	.00	100	1.0	.0	2.68	11	15.04	3.99
14409.0	.00	100	1.2	.0	2.68	17	15.02	3.99
14410.0	.00	100	.7	.0	2.69	35	15.01	3.99
14411.0	.00	100	.2	.0	2.70	48	15.01	3.99
14412.0	.00	100	.0	.0	2.71	46	15.01	3.99
14417.0	.00	100	1.9	.0	2.68	47	15.00	3.99
14430.0	.00	100	.2	.0	2.71	45	14.99	3.99
14431.0	.00	100	.0	.0	2.70	47	14.99	3.99
14465.0	.00	100	3.0	.0	2.73	48	14.99	3.99
14466.0	.00	100	1.1	.0	2.71	46	14.96	3.99
14467.0	.00	100	.6	.0	2.69	32	14.95	3.99
14468.0	.00	100	.0	.0	2.71	29	14.95	3.99
14469.0	.00	100	.0	.0	2.73	42	14.95	3.99
14483.0	.00	100	2.5	.0	2.69	45	14.95	3.99
14484.0	.00	100	1.5	.0	2.71	35	14.92	3.99
14499.0	.00	100	.6	.0	2.69	40	14.91	3.99
14500.0	.00	100	.6	.0	2.69	40	14.90	3.99
14501.0	.00	100	.6	.0	2.69	42	14.90	3.99
14502.0	.00	100	1.1	.0	2.67	38	14.89	3.99
14503.0	.00	100	1.3	.0	2.67	26	14.88	3.99
14504.0	.00	100	2.2	.8	2.65	25	14.86	3.99
14505.0	.00	89	4.6	.6	2.63	31	14.83	3.98
14512.0	.00	98	4.6	.0	2.65	48	14.76	3.98
14513.0	.00	100	.8	.0	2.68	40	14.74	3.98
14514.0	.00	100	.5	.0	2.70	19	14.73	3.98
14515.0	.00	100	.9	.0	2.69	4	14.73	3.98
14516.0	.00	100	.8	.0	2.69	5	14.72	3.98
14517.0	.00	100	1.6	.0	2.69	2	14.71	3.98
14518.0	.00	90	2.4	.0	2.68	0	14.69	3.98

Schlumberger

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14519.0	.00	86	2.5	.0	2.67	1	14.67	3.98
14520.0	.00	96	2.7	.0	2.65	5	14.64	3.97
14521.0	.00	100	3.5	.0	2.66	2	14.61	3.97
14522.0	.00	86	3.6	.0	2.68	3	14.58	3.97
14523.0	.00	85	3.2	.0	2.67	5	14.54	3.97
14524.0	.00	86	2.9	.0	2.67	4	14.51	3.96
14525.0	.00	100	1.7	.0	2.67	7	14.49	3.96
14526.0	.00	100	1.4	.0	2.68	5	14.47	3.96
14527.0	.00	100	1.2	.0	2.68	7	14.46	3.96
14528.0	.00	100	.4	.0	2.70	17	14.45	3.96
14529.0	.00	100	.2	.0	2.70	33	14.44	3.96
14535.0	.00	100	.7	.0	2.68	48	14.44	3.96
14541.0	.00	100	1.5	.0	2.66	39	14.43	3.96
14542.0	.00	100	1.0	.0	2.68	28	14.42	3.96
14543.0	.00	100	1.3	.0	2.67	24	14.40	3.96
14544.0	.00	100	1.3	.0	2.67	25	14.39	3.96
14545.0	.00	100	1.6	.0	2.66	32	14.38	3.96
14546.0	.00	100	1.4	.0	2.66	40	14.36	3.96
14547.0	.00	100	.7	.0	2.69	42	14.35	3.96
14548.0	.00	100	.8	.0	2.68	40	14.34	3.96
14549.0	.00	100	.9	.0	2.68	35	14.33	3.96
14550.0	.00	100	.7	.0	2.69	30	14.33	3.96
14551.0	.00	100	.6	.0	2.69	27	14.32	3.96
14552.0	.00	100	.9	.0	2.68	25	14.31	3.96
14553.0	.00	100	2.5	.0	2.69	12	14.30	3.96
14554.0	.00	100	2.3	.0	2.70	5	14.27	3.96
14555.0	.00	100	2.5	.0	2.67	5	14.25	3.96
14556.0	.00	73	4.5	.0	2.65	2	14.22	3.96
14557.0	.00	61	5.1	.0	2.64	0	14.17	3.94
14558.0	.00	70	4.7	.0	2.64	0	14.12	3.92
14559.0	.00	76	3.9	.0	2.64	0	14.08	3.91
14560.0	.00	100	3.3	.0	2.65	2	14.04	3.90
14561.0	.00	89	2.7	.0	2.65	2	14.01	3.90
14562.0	.00	100	2.2	.0	2.66	5	13.99	3.90
14563.0	.00	100	2.0	.0	2.67	3	13.97	3.90
14564.0	.00	100	2.9	.0	2.65	4	13.95	3.90
14565.0	.00	56	4.7	.0	2.63	4	13.91	3.89
14566.0	.01	74	5.2	.0	2.63	4	13.86	3.88
14567.0	.00	100	3.1	.0	2.63	13	13.81	3.87
14568.0	.00	100	2.0	.0	2.66	18	13.78	3.87
14569.0	.00	100	.8	.0	2.69	26	13.77	3.87
14570.0	.00	100	.0	.0	2.73	39	13.76	3.87
14571.0	.00	100	.0	.0	2.72	46	13.76	3.87
14572.0	.00	100	.2	.0	2.70	44	13.76	3.87
14573.0	.00	100	.0	.0	2.71	42	13.76	3.87
14574.0	.00	100	.1	.0	2.70	44	13.76	3.87

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14584.0	.00	100	4.0	.0	2.63	48	13.76	3.87
14585.0	.00	100	4.9	.0	2.63	22	13.71	3.87
14586.0	.00	100	2.4	.0	2.63	26	13.67	3.87
14587.0	.00	100	4.9	.0	2.63	21	13.64	3.87
14588.0	.00	99	4.7	.0	2.63	28	13.59	3.87
14589.0	.00	100	4.3	.0	2.63	40	13.55	3.87
14590.0	.00	100	.0	.0	2.63	44	13.51	3.87
14617.0	.00	100	1.3	.0	2.66	43	13.51	3.87
14618.0	.00	100	2.2	.0	2.65	28	13.50	3.87
14619.0	.00	100	2.4	.0	2.65	21	13.47	3.87
14620.0	.00	100	1.8	.0	2.66	20	13.45	3.87
14621.0	.00	100	1.7	.0	2.66	20	13.43	3.87
14622.0	.00	100	1.9	.0	2.66	20	13.41	3.87
14623.0	.00	100	3.9	.0	2.63	19	13.39	3.87
14624.0	.00	100	5.0	.0	2.63	19	13.34	3.87
14625.0	.00	100	4.2	.0	2.63	32	13.29	3.87
14626.0	.00	100	3.3	.0	2.63	45	13.26	3.87
14627.0	.00	100	3.2	.0	2.64	46	13.22	3.87
14628.0	.00	100	.6	.0	2.63	31	13.19	3.87
14629.0	.00	100	.0	.0	2.63	31	13.19	3.87
14630.0	.00	100	2.0	.0	2.64	33	13.19	3.87
14631.0	.00	100	1.8	.0	2.65	33	13.17	3.87
14632.0	.00	100	1.0	.0	2.68	33	13.15	3.87
14633.0	.00	100	.5	.0	2.69	36	13.14	3.87
14634.0	.00	100	.0	.0	2.73	40	13.14	3.87
14635.0	.00	100	.0	.0	2.77	45	13.14	3.87
14636.0	.00	100	.0	.0	2.76	48	13.14	3.87
14646.0	.00	100	.0	.0	2.76	45	13.14	3.87
14647.0	.00	100	.0	.0	2.73	44	13.14	3.87
14648.0	.00	100	.3	.0	2.70	46	13.14	3.87
14686.0	.00	100	.0	.0	2.75	49	13.14	3.87
14708.0	.00	100	1.0	.0	2.67	41	13.12	3.87
14709.0	.00	100	.6	.0	2.69	37	13.12	3.87
14710.0	.00	100	.7	.0	2.68	38	13.11	3.87
14711.0	.00	100	1.4	.0	2.66	44	13.10	3.87
14712.0	.00	100	1.8	1.2	2.68	39	13.08	3.87
14713.0	.00	100	.8	.5	2.68	37	13.07	3.87
14714.0	.00	100	.0	.0	2.71	40	13.06	3.87
14725.0	.00	100	4.9	.0	2.78	43	13.03	3.87
14726.0	.00	100	.0	.0	2.69	44	13.00	3.87
14727.0	.00	100	.0	.0	2.69	46	13.00	3.87
14780.0	.00	91	5.2	.1	2.63	48	13.00	3.87

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
14781.0	.00	86	5.2	.2	2.63	48	12.97	3.86
14800.0	.00	85	5.1	.0	2.79	49	12.92	3.86
14883.0	.01	68	5.8	.0	2.73	41	12.84	3.84
14884.0	.00	99	3.4	.2	2.76	38	12.79	3.83
14885.0	.00	100	.8	.0	2.80	44	12.76	3.83
14886.0	.00	100	.4	.0	2.80	44	12.76	3.83
14887.0	.00	100	.6	.0	2.76	45	12.75	3.83
14888.0	.00	100	.5	.3	2.74	47	12.75	3.83
14936.0	.00	77	5.1	.0	2.81	49	12.74	3.83
14937.0	.01	73	5.4	.0	2.82	39	12.69	3.81
14938.0	.00	91	4.8	.0	2.82	34	12.64	3.80
14939.0	.00	96	4.0	.0	2.78	39	12.59	3.80
14940.0	.00	100	3.4	.0	2.77	40	12.55	3.80
14941.0	.00	100	2.2	.0	2.76	44	12.52	3.80
14942.0	.00	100	1.8	.0	2.73	44	12.50	3.80
14943.0	.00	100	2.2	.0	2.71	33	12.48	3.80
14944.0	.00	100	1.7	1.7	2.71	41	12.46	3.80
14967.0	.00	100	4.2	.0	2.63	43	12.43	3.80
14968.0	.00	100	4.0	.0	2.63	48	12.38	3.80
14969.0	.01	100	5.9	.0	2.63	40	12.33	3.80
15155.0	.00	100	.1	.0	2.71	45	12.28	3.80
15156.0	.00	100	.0	.0	2.75	43	12.28	3.80
15157.0	.00	100	.0	.0	2.74	42	12.28	3.80
15158.0	.00	100	.0	.0	2.72	41	12.28	3.80
15159.0	.00	100	.0	.0	2.73	42	12.28	3.80
15160.0	.00	94	1.2	.0	2.75	36	12.28	3.80
15161.0	.00	70	1.8	.0	2.76	33	12.26	3.80
15162.0	.00	49	2.8	.0	2.71	35	12.24	3.79
15163.0	.00	37	4.1	.2	2.68	36	12.21	3.77
15164.0	.00	53	2.1	1.6	2.65	48	12.17	3.75
15177.0	.01	89	5.4	.0	2.82	46	12.16	3.74
15178.0	.01	69	6.1	1.5	2.80	36	12.10	3.73
15179.0	.00	100	1.9	1.1	2.73	35	12.06	3.72
15180.0	.00	100	.7	.6	2.70	38	12.04	3.72
15181.0	.00	92	.7	.6	2.68	42	12.04	3.72
15182.0	.00	100	.9	.8	2.67	44	12.03	3.72
15183.0	.00	100	.6	.0	2.69	45	12.02	3.72
15184.0	.00	100	.1	.0	2.71	49	12.01	3.72
15185.0	.00	100	.0	.0	2.74	48	12.01	3.72
15186.0	.00	100	.0	.0	2.76	47	12.01	3.72
15192.0	.00	100	.9	.0	2.78	45	12.01	3.72

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15193.0	.00	81	1.8	.0	2.76	38	12.00	3.72
15194.0	.00	71	2.5	.0	2.75	34	11.98	3.72
15195.0	.00	82	1.3	.0	2.74	40	11.96	3.71
15196.0	.00	100	1.6	.0	2.73	40	11.94	3.71
15197.0	.00	54	3.3	.0	2.75	34	11.92	3.70
15198.0	.00	42	4.6	.2	2.76	31	11.89	3.69
15199.0	.00	43	4.5	1.8	2.76	36	11.84	3.66
15200.0	.00	49	3.8	3.8	2.76	49	11.80	3.63
15211.0	.00	84	5.0	1.1	2.98	49	11.78	3.62
15212.0	.00	59	4.8	4.8	2.97	48	11.73	3.61
15243.0	.01	100	6.0	.0	2.95	49	11.70	3.60
15248.0	.02	78	6.5	.0	2.84	46	11.64	3.59
15249.0	.04	60	7.5	.0	2.78	37	11.58	3.58
15250.0	.01	72	5.4	.0	2.78	28	11.50	3.55
15251.0	.00	100	2.3	1.4	2.77	36	11.46	3.54
15284.0	.03	83	7.1	.0	2.75	41	11.41	3.54
15285.0	.02	71	6.3	.0	2.73	31	11.34	3.52
15286.0	.01	65	6.2	.0	2.75	19	11.28	3.50
15287.0	.03	80	7.0	4.9	2.78	19	11.21	3.48
15288.0	.05	64	7.6	4.7	2.86	37	11.14	3.46
15289.0	.01	85	5.4	.0	2.95	49	11.07	3.44
15290.0	.02	80	6.3	.0	2.99	41	11.01	3.43
15291.0	.00	100	4.5	.0	2.89	41	10.95	3.42
15294.0	.01	58	6.0	.0	2.82	49	10.91	3.42
15295.0	.03	56	6.9	.0	2.84	42	10.85	3.39
15296.0	.04	52	7.5	.0	2.80	37	10.78	3.36
15297.0	.06	44	7.7	.0	2.78	35	10.70	3.32
15298.0	.03	46	6.7	.0	2.79	37	10.63	3.28
15310.0	.00	100	.0	.0	2.73	47	10.57	3.25
15311.0	.00	100	.5	.5	2.69	43	10.56	3.25
15312.0	.00	100	.5	.5	2.69	49	10.56	3.25
15341.0	.00	73	3.2	.4	2.80	35	10.54	3.25
15342.0	.00	100	.6	.6	2.69	33	10.52	3.24
15343.0	.00	100	.0	.0	2.71	31	10.51	3.24
15344.0	.00	100	.0	.0	2.77	44	10.51	3.24
15351.0	.00	97	1.6	.0	2.69	46	10.50	3.24
15352.0	.00	100	.8	.0	2.68	47	10.48	3.24
15353.0	.00	100	.0	.0	2.79	46	10.48	3.24
15354.0	.00	100	.0	.0	2.86	48	10.48	3.24
15356.0	.00	100	.0	.0	2.76	48	10.48	3.24

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15357.0	.00	100	.0	.0	2.71	48	10.48	3.24
15363.0	.02	62	6.6	.0	2.87	37	10.48	3.24
15364.0	.13	53	9.0	.5	2.86	14	10.41	3.21
15365.0	.01	66	5.3	4.1	2.81	32	10.32	3.17
15373.0	.01	74	6.2	.0	2.87	40	10.25	3.15
15374.0	.01	67	6.0	.0	2.82	43	10.18	3.13
15383.0	.01	90	6.1	.0	2.86	47	10.13	3.11
15384.0	.07	65	8.2	.0	2.84	31	10.06	3.10
15385.0	.09	55	8.4	.0	2.80	27	9.98	3.07
15386.0	.03	45	6.8	.0	2.80	24	9.90	3.03
15387.0	.01	37	5.3	.9	2.84	27	9.84	3.00
15388.0	.01	35	5.1	5.1	2.92	45	9.78	2.96
15390.0	.01	50	5.6	.0	2.82	46	9.76	2.95
15391.0	.12	40	8.3	.0	2.83	27	9.69	2.91
15392.0	.16	40	8.6	.4	2.82	10	9.61	2.86
15393.0	.00	54	5.2	.0	2.78	23	9.53	2.82
15394.0	.01	43	5.4	.0	2.77	30	9.48	2.80
15395.0	.09	31	7.2	.0	2.77	23	9.42	2.76
15396.0	.75	25	9.6	.0	2.81	5	9.34	2.70
15397.0	.92	25	10.0	.0	2.82	0	9.24	2.63
15398.0	.86	20	9.1	.1	2.81	0	9.15	2.56
15399.0	.53	16	7.8	.0	2.79	5	9.06	2.48
15400.0	.22	18	7.0	.0	2.77	12	8.98	2.42
15401.0	.01	31	5.2	.4	2.73	27	8.92	2.37
15402.0	.00	42	3.4	.5	2.70	42	8.87	2.34
15427.0	.00	100	.7	.7	2.68	47	8.83	2.32
15428.0	.00	100	.4	.4	2.69	41	8.83	2.32
15429.0	.00	100	.0	.0	2.81	49	8.82	2.32
15442.0	.01	83	5.5	.0	2.86	41	8.80	2.31
15443.0	.01	70	5.5	.0	2.83	27	8.74	2.30
15444.0	.00	100	1.9	.0	2.84	33	8.69	2.29
15445.0	.00	100	.0	.0	2.85	44	8.68	2.29
15446.0	.00	100	.0	.0	2.80	48	8.68	2.29
15451.0	.00	100	.7	.0	2.68	49	8.68	2.29
15452.0	.00	100	1.1	.3	2.67	44	8.67	2.29
15453.0	.00	89	1.1	.2	2.66	45	8.66	2.29
15454.0	.00	84	1.2	.0	2.66	45	8.65	2.29
15455.0	.00	94	1.3	.0	2.66	43	8.64	2.29
15456.0	.00	100	1.4	.0	2.66	39	8.62	2.29
15457.0	.00	100	1.0	.0	2.67	38	8.61	2.29
15458.0	.00	100	1.2	.0	2.67	38	8.60	2.29

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15459.0	.00	99	1.5	.0	2.66	39	8.59	2.29
15460.0	.00	100	1.3	.0	2.66	41	8.57	2.29
15461.0	.00	100	1.1	.0	2.67	44	8.56	2.29
15501.0	.00	90	4.4	.0	2.84	49	8.55	2.29
15502.0	.00	75	5.1	.0	2.80	35	8.51	2.28
15503.0	.01	70	5.8	.0	2.79	30	8.46	2.27
15504.0	.00	64	4.4	3.6	2.76	45	8.40	2.25
15521.0	.00	100	4.5	.0	2.65	41	8.35	2.24
15535.0	.03	68	6.9	6.9	2.64	42	8.28	2.24
15536.0	.00	87	4.2	4.2	2.63	40	8.22	2.22
15542.0	.00	100	.0	.0	2.73	48	8.18	2.22
15543.0	.00	100	.0	.0	2.75	49	8.18	2.22
15546.0	.00	100	.4	.0	2.69	49	8.18	2.22
15547.0	.00	100	.9	.0	2.68	39	8.18	2.22
15548.0	.00	100	.7	.0	2.68	39	8.17	2.22
15549.0	.00	100	.4	.0	2.69	41	8.16	2.22
15550.0	.00	100	.0	.0	2.73	43	8.16	2.22
15551.0	.00	100	.0	.0	2.74	44	8.16	2.22
15552.0	.00	100	.0	.0	2.73	48	8.16	2.22
15594.0	.02	69	6.3	.0	2.82	47	8.16	2.22
15595.0	.02	68	6.3	.0	2.80	47	8.10	2.20
15596.0	.03	64	7.2	.0	2.82	40	8.03	2.18
15597.0	.14	53	9.1	.0	2.82	24	7.96	2.15
15598.0	.59	44	11.1	.0	2.84	7	7.86	2.10
15599.0	1.43	33	11.6	.0	2.83	1	7.75	2.03
15600.0	.14	32	7.8	.0	2.82	5	7.64	1.96
15601.0	.07	30	6.8	.0	2.82	10	7.57	1.91
15602.0	.02	38	5.9	.0	2.83	18	7.50	1.87
15603.0	.02	40	6.0	.0	2.82	31	7.44	1.83
15604.0	.05	39	7.1	.0	2.80	40	7.38	1.79
15610.0	.00	97	4.5	.0	2.78	47	7.31	1.76
15627.0	.04	51	7.2	.0	2.65	39	7.29	1.75
15628.0	.00	100	2.9	2.9	2.65	36	7.22	1.73
15657.0	.04	54	7.2	.0	2.65	39	7.16	1.71
15658.0	.06	48	7.8	.0	2.73	35	7.09	1.67
15659.0	.02	52	6.5	.2	2.75	33	7.01	1.63
15660.0	.00	100	3.5	1.3	2.77	37	6.95	1.61
15691.0	.04	53	7.2	.0	2.86	33	6.90	1.60

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15692.0	.02	57	6.5	.0	2.80	19	6.82	1.56
15693.0	.00	100	1.1	.5	2.73	21	6.77	1.55
15694.0	.00	100	.5	.0	2.70	16	6.76	1.55
15695.0	.00	100	.7	.0	2.69	23	6.76	1.55
15696.0	.00	100	.1	.0	2.71	35	6.75	1.55
15697.0	.00	100	.1	.1	2.70	43	6.75	1.55
15706.0	.02	45	6.4	.0	2.65	46	6.75	1.55
15707.0	.02	38	6.1	1.0	2.65	48	6.68	1.51
15710.0	.00	59	5.2	.0	2.65	43	6.62	1.47
15715.0	.00	100	.8	.0	2.72	37	6.57	1.46
15716.0	.00	100	.2	.0	2.70	28	6.57	1.46
15717.0	.00	100	.2	.0	2.70	26	6.57	1.46
15718.0	.00	68	.8	.0	2.68	34	6.56	1.46
15719.0	.00	27	1.3	.0	2.66	47	6.55	1.45
15720.0	.00	47	3.5	.4	2.66	41	6.53	1.44
15733.0	.02	45	6.4	.0	2.89	46	6.47	1.41
15741.0	.00	100	.8	.8	2.68	48	6.41	1.37
15742.0	.00	100	.8	.8	2.68	47	6.40	1.37
15743.0	.00	100	1.0	1.0	2.67	45	6.39	1.37
15744.0	.00	100	.9	.9	2.67	43	6.38	1.37
15745.0	.00	100	.5	.0	2.69	41	6.37	1.37
15746.0	.00	100	.1	.0	2.71	39	6.37	1.37
15747.0	.00	100	.1	.0	2.71	37	6.37	1.37
15748.0	.00	100	.8	.1	2.68	35	6.37	1.37
15749.0	.00	100	.9	.2	2.68	35	6.36	1.37
15750.0	.00	100	1.0	.8	2.67	40	6.35	1.37
15751.0	.00	100	.9	.9	2.68	48	6.34	1.37
15760.0	.02	55	6.4	.0	2.80	44	6.29	1.36
15761.0	.01	58	6.2	.0	2.79	42	6.23	1.33
15762.0	.01	68	5.4	.0	2.81	44	6.17	1.31
15770.0	.00	100	2.5	2.4	2.79	49	6.12	1.29
15773.0	.00	100	2.0	.0	2.65	45	6.10	1.29
15774.0	.00	100	2.5	.0	2.65	33	6.08	1.29
15775.0	.00	100	2.9	.0	2.65	16	6.05	1.29
15776.0	.00	100	2.5	.0	2.65	16	6.02	1.29
15777.0	.00	100	2.7	.0	2.65	15	5.99	1.29
15778.0	.00	100	1.1	.0	2.68	18	5.97	1.29
15779.0	.00	100	.3	.0	2.70	21	5.96	1.29
15780.0	.00	100	1.1	.8	2.68	30	5.96	1.29
15781.0	.00	71	1.8	1.2	2.65	46	5.94	1.29

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15795.0	.00	67	5.0	.3	2.74	49	5.94	1.29
15796.0	.00	77	4.9	.0	2.79	48	5.88	1.27
15799.0	.01	73	5.4	.0	2.79	48	5.84	1.26
15803.0	.00	92	4.3	.0	2.80	48	5.79	1.25
15804.0	.01	67	6.2	.0	2.79	38	5.74	1.25
15805.0	.08	51	8.3	.0	2.80	25	5.67	1.22
15806.0	.11	49	8.7	.9	2.81	22	5.59	1.18
15807.0	.03	47	7.0	.5	2.83	30	5.50	1.13
15808.0	.01	48	6.0	.0	2.85	34	5.43	1.10
15809.0	.01	57	5.2	.6	2.86	39	5.38	1.07
15810.0	.00	71	4.9	.0	2.83	42	5.33	1.05
15811.0	.00	80	4.6	.0	2.79	46	5.28	1.04
15812.0	.01	78	5.4	.0	2.75	46	5.23	1.03
15813.0	.01	81	5.9	.0	2.71	48	5.17	1.02
15815.0	.02	74	6.5	2.0	2.64	46	5.11	1.01
15816.0	.03	66	7.1	2.5	2.63	40	5.05	.99
15817.0	.00	85	4.3	1.8	2.63	36	4.98	.97
15818.0	.00	100	1.9	1.9	2.65	33	4.95	.97
15819.0	.00	100	1.5	1.5	2.66	33	4.93	.97
15820.0	.00	86	1.6	1.6	2.65	40	4.91	.97
15841.0	.00	94	3.9	.0	2.73	25	4.88	.96
15842.0	.00	100	.8	.0	2.70	19	4.85	.96
15843.0	.00	100	.0	.0	2.72	22	4.85	.96
15844.0	.00	100	.0	.0	2.74	37	4.85	.96
15855.0	.00	100	.4	.4	2.69	41	4.85	.96
15856.0	.00	100	.9	.9	2.68	38	4.84	.96
15867.0	.00	100	4.0	.0	2.86	49	4.83	.96
15872.0	.00	100	1.0	.0	2.67	46	4.79	.96
15873.0	.00	100	1.3	.0	2.67	36	4.78	.96
15874.0	.00	100	1.2	.0	2.67	29	4.77	.96
15875.0	.00	100	.7	.0	2.69	26	4.76	.96
15876.0	.00	100	.4	.0	2.70	23	4.75	.96
15877.0	.00	100	.0	.0	2.74	22	4.75	.96
15878.0	.00	100	.0	.0	2.74	20	4.75	.96
15879.0	.00	100	.4	.0	2.70	17	4.75	.96
15880.0	.00	100	1.2	.0	2.68	18	4.74	.96
15881.0	.00	100	.8	.0	2.69	21	4.73	.96
15882.0	.00	100	.2	.0	2.70	30	4.72	.96
15883.0	.00	100	.3	.0	2.70	37	4.72	.96
15884.0	.00	100	.2	.0	2.70	42	4.72	.96

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15885.0	.00	100	.2	.1	2.70	47	4.72	.96
15886.0	.00	100	.0	.0	2.71	49	4.72	.96
15890.0	.00	100	2.7	.0	2.79	47	4.72	.96
15891.0	.00	80	4.9	.0	2.79	21	4.68	.96
15892.0	.00	100	1.3	.0	2.75	25	4.64	.95
15893.0	.00	100	.0	.0	2.74	24	4.63	.95
15894.0	.00	100	.0	.0	2.74	36	4.63	.95
15895.0	.00	100	.0	.0	2.74	49	4.63	.95
15916.0	.00	100	.0	.0	2.71	32	4.63	.95
15917.0	.00	100	1.2	.0	2.68	19	4.63	.95
15918.0	.00	100	1.2	.0	2.68	21	4.61	.95
15919.0	.00	100	1.1	.5	2.68	26	4.60	.95
15920.0	.00	100	1.3	.6	2.66	38	4.59	.95
15930.0	.00	69	5.2	.0	2.79	44	4.55	.94
15931.0	.00	79	4.4	.0	2.77	47	4.50	.93
15950.0	.00	100	.9	.0	2.67	47	4.48	.92
15951.0	.00	100	1.6	.0	2.66	27	4.47	.92
15952.0	.00	100	1.5	.0	2.67	24	4.45	.92
15953.0	.00	100	1.3	1.0	2.67	27	4.44	.92
15954.0	.00	100	.8	.0	2.69	30	4.42	.92
15955.0	.00	100	.6	.0	2.69	37	4.42	.92
15956.0	.00	100	.7	.3	2.68	45	4.41	.92
15957.0	.00	100	.0	.0	2.71	47	4.41	.92
15958.0	.00	100	.0	.0	2.74	44	4.41	.92
15959.0	.00	100	.0	.0	2.71	38	4.41	.92
15960.0	.00	100	.3	.1	2.70	37	4.40	.92
15961.0	.00	100	.0	.0	2.72	46	4.40	.92
15970.0	.00	68	3.9	.3	2.75	33	4.38	.92
15971.0	.00	63	3.3	.0	2.72	14	4.35	.91
15972.0	.00	55	3.1	.0	2.69	7	4.31	.89
15973.0	.00	33	3.0	.0	2.67	9	4.28	.88
15974.0	.00	56	3.1	.0	2.68	6	4.25	.86
15975.0	.00	66	3.0	.0	2.69	6	4.22	.85
15976.0	.00	81	2.6	.0	2.67	12	4.19	.84
15977.0	.01	52	5.5	.3	2.65	2	4.16	.83
15978.0	.01	60	5.4	1.4	2.63	4	4.11	.81
15979.0	.01	84	5.4	.0	2.63	4	4.05	.79
15980.0	.01	92	5.4	.0	2.63	4	4.00	.78
15981.0	.01	89	5.4	.0	2.63	5	3.95	.78
15982.0	.01	90	5.3	.0	2.63	7	3.89	.77
15983.0	.00	100	2.1	2.1	2.65	23	3.84	.76
15984.0	.00	100	.6	.6	2.69	39	3.82	.76
15998.0	.00	100	3.7	.0	2.78	48	3.82	.76

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
15999.0	.00	100	5.1	.0	2.80	39	3.78	.76
16000.0	.01	100	5.8	.0	2.80	34	3.73	.76
16001.0	.02	89	6.6	3.1	2.75	41	3.67	.76
16002.0	.02	82	6.6	.5	2.72	45	3.60	.76
16003.0	.03	82	7.0	.0	2.73	42	3.54	.74
16004.0	.04	83	7.4	.0	2.71	38	3.47	.73
16005.0	.03	76	7.1	.0	2.71	41	3.39	.72
16006.0	.01	75	6.2	.5	2.70	48	3.32	.70
16009.0	.02	72	6.7	.0	2.69	43	3.26	.69
16010.0	.02	72	6.7	1.7	2.71	43	3.19	.67
16011.0	.02	73	6.5	1.8	2.72	46	3.13	.65
16012.0	.01	76	6.1	.0	2.74	48	3.06	.63
16027.0	.01	82	5.4	.0	2.69	46	3.03	.63
16028.0	.03	60	7.0	5.6	2.75	35	2.97	.61
16029.0	.01	44	5.7	5.7	2.83	46	2.91	.58
16045.0	.01	97	5.7	.0	2.85	47	2.88	.57
16046.0	.00	100	4.8	.0	2.83	47	2.82	.57
16047.0	.00	100	4.2	.0	2.83	49	2.77	.57
16051.0	.01	100	5.8	.0	2.90	49	2.73	.56
16053.0	.01	100	5.3	.0	2.81	49	2.70	.56
16056.0	.00	100	1.6	.0	2.65	42	2.67	.56
16057.0	.00	100	3.4	.0	2.65	34	2.64	.56
16058.0	.00	100	4.7	.0	2.65	28	2.61	.56
16059.0	.00	100	5.2	.0	2.65	25	2.56	.56
16060.0	.01	100	5.4	.0	2.65	25	2.51	.56
16061.0	.00	100	2.4	.0	2.65	38	2.46	.56
16062.0	.00	100	.5	.0	2.69	40	2.44	.56
16063.0	.00	100	.4	.0	2.70	37	2.44	.56
16064.0	.00	100	.4	.0	2.70	35	2.43	.56
16065.0	.00	100	.8	.2	2.68	38	2.43	.56
16066.0	.00	100	.6	.0	2.68	46	2.42	.56
16078.0	.00	100	.2	.0	2.70	28	2.42	.56
16079.0	.00	100	.3	.0	2.70	16	2.41	.56
16080.0	.00	100	.6	.0	2.70	13	2.41	.56
16081.0	.00	100	.6	.0	2.69	12	2.41	.56
16082.0	.00	100	1.1	.3	2.68	14	2.40	.56
16083.0	.00	100	.9	.2	2.69	16	2.39	.56
16084.0	.00	100	.5	.0	2.70	23	2.38	.56
16085.0	.00	100	.2	.0	2.70	32	2.37	.56
16086.0	.00	100	.2	.0	2.70	36	2.37	.56
16087.0	.00	100	.2	.0	2.70	40	2.37	.56

Schlumberger

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
16088.0	.00	100	.0	.0	2.73	45	2.37	.56
16089.0	.00	100	.0	.0	2.73	48	2.37	.56
16101.0	.00	100	.4	.0	2.69	43	2.37	.56
16102.0	.00	100	.0	.0	2.72	38	2.37	.56
16103.0	.00	100	.0	.0	2.75	40	2.37	.56
16104.0	.00	100	.0	.0	2.76	46	2.37	.56
16119.0	.00	100	.0	.0	2.73	43	2.37	.56
16120.0	.00	100	.0	.0	2.72	37	2.37	.56
16121.0	.00	100	.0	.0	2.71	44	2.37	.56
16132.0	.00	100	.0	.0	2.73	41	2.37	.56
16133.0	.00	100	.0	.0	2.78	35	2.37	.56
16134.0	.00	100	.0	.0	2.74	38	2.37	.56
16135.0	.00	100	.0	.0	2.72	47	2.37	.56
16137.0	.00	100	.5	.0	2.73	46	2.37	.56
16138.0	.00	100	.1	.0	2.71	39	2.36	.56
16139.0	.00	100	.0	.0	2.71	29	2.36	.56
16140.0	.00	100	.0	.0	2.76	33	2.36	.56
16141.0	.00	100	.0	.0	2.74	30	2.36	.56
16142.0	.00	100	.0	.0	2.72	16	2.36	.56
16143.0	.00	100	.5	.0	2.70	17	2.36	.56
16144.0	.00	100	1.0	.3	2.68	22	2.35	.56
16145.0	.00	100	.9	.9	2.68	31	2.34	.56
16170.0	.00	100	.0	.0	2.74	39	2.34	.56
16175.0	.00	100	2.8	.0	2.70	47	2.34	.56
16176.0	.00	100	3.0	.0	2.69	33	2.30	.56
16177.0	.00	100	1.0	.0	2.68	23	2.28	.56
16178.0	.00	100	.4	.0	2.70	20	2.27	.56
16179.0	.00	100	.1	.0	2.71	28	2.27	.56
16180.0	.00	100	.0	.0	2.72	40	2.27	.56
16193.0	.00	100	.0	.0	2.72	44	2.27	.56
16194.0	.00	100	.0	.0	2.73	43	2.27	.56
16195.0	.00	100	.0	.0	2.74	45	2.27	.56
16196.0	.00	100	.0	.0	2.74	46	2.27	.56
16197.0	.00	100	.2	.0	2.70	47	2.27	.56
16198.0	.00	100	.5	.0	2.69	45	2.27	.56
16199.0	.00	100	.7	.7	2.68	41	2.26	.56
16200.0	.00	100	1.3	1.3	2.66	44	2.25	.56
16204.0	.00	100	.4	.1	2.69	48	2.25	.56
16205.0	.00	100	.5	.0	2.69	42	2.24	.56
16206.0	.00	100	.0	.0	2.73	41	2.24	.56

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
16207.0	.00	100	.0	.0	2.74	39	2.24	.56
16214.0	.00	100	.7	.7	2.69	30	2.24	.56
16215.0	.00	100	1.2	.2	2.68	25	2.23	.56
16216.0	.00	100	.8	.0	2.69	25	2.22	.56
16217.0	.00	100	.5	.0	2.69	27	2.21	.56
16218.0	.00	100	.4	.0	2.70	31	2.20	.56
16219.0	.00	100	.0	.0	2.72	35	2.20	.56
16220.0	.00	100	.0	.0	2.72	41	2.20	.56
16221.0	.00	100	.2	.0	2.70	46	2.20	.56
16222.0	.00	100	.1	.0	2.71	44	2.20	.56
16223.0	.00	100	.1	.0	2.71	31	2.20	.56
16224.0	.00	100	.0	.0	2.72	24	2.20	.56
16225.0	.00	100	.0	.0	2.73	23	2.20	.56
16226.0	.00	100	.2	.0	2.70	23	2.20	.56
16227.0	.00	100	.3	.0	2.70	23	2.19	.56
16228.0	.00	100	.3	.0	2.70	23	2.19	.56
16229.0	.00	100	.5	.0	2.70	22	2.19	.56
16230.0	.00	100	1.1	.0	2.68	22	2.18	.56
16231.0	.00	100	1.4	.0	2.67	23	2.17	.56
16232.0	.00	88	2.1	.0	2.66	24	2.15	.56
16233.0	.00	72	3.2	.0	2.66	20	2.13	.56
16234.0	.00	72	3.2	.0	2.66	18	2.10	.55
16235.0	.00	65	3.8	.0	2.67	15	2.06	.54
16236.0	.00	61	4.1	.0	2.67	14	2.02	.53
16237.0	.00	58	4.2	.0	2.66	15	1.98	.51
16238.0	.00	58	4.0	.6	2.65	18	1.94	.49
16239.0	.00	59	4.4	1.4	2.65	21	1.90	.48
16240.0	.00	85	4.6	3.4	2.65	29	1.86	.46
16250.0	.00	100	.0	.0	2.78	44	1.81	.45
16251.0	.00	100	.1	.0	2.71	30	1.81	.45
16252.0	.00	100	.8	.0	2.69	19	1.81	.45
16253.0	.00	100	.4	.0	2.70	20	1.80	.45
16254.0	.00	100	.4	.0	2.70	26	1.80	.45
16255.0	.00	100	.2	.0	2.70	37	1.79	.45
16256.0	.00	100	.1	.0	2.71	43	1.79	.45
16257.0	.00	100	.3	.0	2.70	42	1.79	.45
16286.0	.00	100	.7	.0	2.68	49	1.79	.45
16299.0	.00	100	.0	.0	2.73	47	1.78	.45
16300.0	.00	100	.2	.0	2.70	40	1.78	.45
16301.0	.00	100	.1	.0	2.71	36	1.78	.45
16302.0	.00	100	.4	.0	2.70	35	1.78	.45
16303.0	.00	100	.3	.0	2.70	36	1.78	.45
16304.0	.00	100	.0	.0	2.71	38	1.77	.45
16305.0	.00	100	.9	.9	2.70	36	1.77	.45

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
16306.0	.00	100	1.0	1.0	2.67	38	1.76	.45
16307.0	.00	100	1.2	1.0	2.67	38	1.75	.45
16308.0	.00	100	1.1	.0	2.67	37	1.74	.45
16309.0	.00	100	1.3	.1	2.67	39	1.73	.45
16310.0	.00	100	.3	.3	2.70	43	1.72	.45
16311.0	.00	100	.4	.4	2.85	47	1.72	.45
16312.0	.00	85	1.8	.4	2.89	38	1.71	.45
16313.0	.00	52	4.1	.5	2.84	25	1.69	.45
16314.0	.01	44	5.7	1.1	2.82	17	1.64	.42
16315.0	.00	42	4.9	.2	2.82	23	1.58	.39
16316.0	.00	36	4.4	.8	2.79	31	1.54	.36
16317.0	.00	39	4.5	1.6	2.76	33	1.49	.34
16318.0	.01	36	4.9	2.5	2.74	34	1.45	.31
16319.0	.02	31	5.8	2.8	2.75	28	1.40	.28
16320.0	.02	91	6.3	3.5	2.76	22	1.34	.23
16321.0	.01	45	5.1	4.3	2.74	31	1.27	.23
16322.0	.00	51	3.3	2.9	2.72	42	1.23	.20
16323.0	.00	54	4.0	2.2	2.73	37	1.20	.18
16324.0	.00	78	4.1	4.1	2.70	40	1.15	.17
16325.0	.00	64	3.9	3.9	2.63	48	1.12	.16
16326.0	.00	70	3.9	3.9	2.63	48	1.08	.14
16327.0	.00	70	5.0	4.5	2.63	44	1.03	.13
16328.0	.00	88	4.0	4.0	2.63	46	.98	.12
16329.0	.00	89	4.1	3.1	2.63	42	.94	.11
16330.0	.00	91	4.3	1.4	2.63	38	.90	.11
16331.0	.00	91	4.3	.0	2.63	37	.86	.10
16332.0	.00	96	4.2	.7	2.63	39	.82	.10
16333.0	.00	100	4.0	3.6	2.63	45	.77	.10
16350.0	.00	100	1.5	.0	2.69	40	.74	.10
16351.0	.00	100	1.7	1.7	2.66	22	.73	.10
16352.0	.00	100	1.3	1.3	2.67	25	.71	.10
16353.0	.00	100	.9	.0	2.68	43	.70	.10
16378.0	.00	100	.0	.0	2.74	42	.70	.10
16379.0	.00	100	.0	.0	2.75	39	.70	.10
16380.0	.00	100	.9	.0	2.79	38	.70	.10
16381.0	.00	70	2.5	.0	2.82	24	.68	.10
16382.0	.00	42	3.7	.0	2.82	18	.66	.09
16383.0	.00	52	4.0	.0	2.81	21	.62	.07
16384.0	.00	100	3.6	1.5	2.79	29	.58	.05
16385.0	.00	100	1.6	1.6	2.74	47	.55	.05
16389.0	.00	100	1.2	1.0	2.79	49	.54	.05
16390.0	.00	100	2.3	2.1	2.76	46	.52	.05
16391.0	.00	87	3.2	1.2	2.77	40	.50	.05
16392.0	.00	87	3.2	.3	2.81	37	.47	.05
16393.0	.00	100	3.0	2.0	2.80	38	.43	.05

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
16407.0	.02	88	6.4	1.2	2.95	46	.41	.05
16408.0	.01	83	6.1	.0	2.88	44	.34	.04
16409.0	.02	78	6.4	1.5	2.82	43	.28	.03
16410.0	.01	85	5.6	2.1	2.80	41	.22	.01
16411.0	.00	88	4.7	.6	2.79	44	.17	.01
16412.0	.00	92	4.3	.0	2.79	41	.12	.00
16413.0	.00	100	3.9	.1	2.82	41	.08	.00
16414.0	.00	100	2.4	1.5	2.80	44	.04	.00
16415.0	.00	100	.0	.0	2.71	45	.03	.00
16416.0	.00	100	.1	.0	2.71	41	.03	.00
16417.0	.00	100	.0	.0	2.74	46	.03	.00
16418.0	.00	100	.0	.0	2.77	48	.03	.00
16419.0	.00	100	.0	.0	2.72	42	.03	.00
16420.0	.00	100	.4	.0	2.70	39	.03	.00
16421.0	.00	100	.2	.0	2.70	36	.02	.00
16422.0	.00	100	.0	.0	2.71	34	.02	.00
16423.0	.00	100	.3	.0	2.70	38	.02	.00
16428.0	.00	100	.0	.0	2.81	49	.02	.00
16429.0	.00	100	.0	.0	2.83	47	.02	.00
16432.0	.00	100	.0	.0	2.74	47	.02	.00
16433.0	.00	100	.0	.0	2.73	36	.02	.00
16434.0	.00	100	.0	.0	2.72	35	.02	.00
16435.0	.00	100	.0	.0	2.75	43	.02	.00
16436.0	.00	100	.0	.0	2.76	49	.02	.00
16438.0	.00	100	.4	.1	2.70	42	.02	.00
16439.0	.00	100	.4	.0	2.70	35	.01	.00
16440.0	.00	100	.0	.0	2.75	34	.01	.00
16441.0	.00	100	.8	.0	2.75	28	.01	.00
16442.0	.00	100	.6	.0	2.73	28	.00	.00

Schlumberger

P.O. Box 1675 Houston, Texas 77001

BAROID TREATING CHEMICALS

WATER ANALYSIS REPORT

			SHEET NUMBER
COMPANY: FLYING DIAMOND CORP.			DATE: 6-4-76
FIELD: BLUEBELL		COUNTY OR PARISH: DUCHESNE	STATE: UTAH
LEASE OR UNIT	WELL(S) NAME OR NO.: UTE-1-27B	WATER SOURCE (~~FORMATION~~): HEATER TREATER	

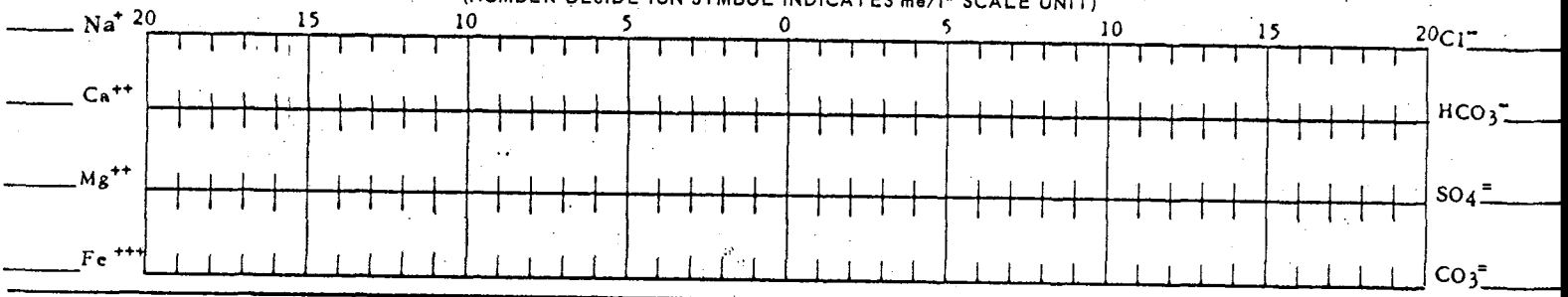
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY

DATE SAMPLED: 6-2-76

TYPE OF WATER: [X] PRODUCED [X] SUPPLY [ ] WATERFLOOD [ ] SALT WATER DISPOSAL

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	4.8	240.0
Calcium, Ca^{++}	2.4	48.0
Magnesium, Mg^{++}	2.4	29.2
Iron (Total) Fe^{+++}	0.1	2.0
Barium, Ba^{++}	0.1	8.0
Sodium, Na^{+}(calc.)	121.5	2794.5
ANIONS		
Chloride, Cl^{-}	107.0	3800.0
Sulfate, $SO_4^{=}$	0.2	8.0
Carbonate, $CO_3^{=}$	1.6	48.0
Bicarbonate, HCO_3^{-}	17.2	1049.2
Hydroxyl, OH^{-}	0.0	0.0
Sulfide, $S^{=}$	N.D.	N.D.
PHOSPHATE (TOTAL)	0.5	15.0

DISSOLVED GASES

Hydrogen Sulfide, H_2S	N.D.	mg/l*
Carbon Dioxide, CO_2	N.D.	mg/l*
Oxygen, O_2	N.D.	mg/l*

PHYSICAL PROPERTIES

pH	7.7	
Eh (Redox Potential)	N.D.	MV
Specific Gravity	N.D.	
Turbidity, JTU Units	N.D.	
Total Dissolved Solids (calc.)	7802	mg/l*
Stability Index @ 77 F	+0.8	
@ 140 F	+1.6	
$CaSO_4$ Solubility @ ___ F	N.D.	mg/l*
@ ___ F	N.D.	mg/l*
Max. $CaSO_4$ Possible (calc.)	N.D.	mg/l*
Max. $BaSO_4$ Possible (calc.)	8.0	mg/l*
Residual Hydrocarbons	N.D.	ppm(Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide [ ] Iron Oxide [ ] Calcium Carbonate [ ] Acid Insoluble [ ]

*NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

REMARKS AND RECOMMENDATIONS:

BTC ENGINEER	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
CHUCK MARTIN	10	VERNAL, UTAH	789-1668	789-282
ANALYZED: CHUCK MARTIN	DATE: 6-4-76	DISTRIBUTION: [ ] CUSTOMER [ ] AREA OR [ ] DISTRICT OFFICE [ ] BTC ENGINEER OR [ ] BTC LAB [ ] BTC SALES SUPERV		

FORM HR-2142B 10M G & C

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: 40-20-H62-1708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe #1-27

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Flying Diamond Oil Corporation

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

9. WELL NO.: No. 1-27B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1444' FWL and 1828' FSL Sec. 27-1N-2W

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC 27-T1N-R2W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6057' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1) Circulate out pump.

2) Run in hole and tag bottom.

3) Run in hole and perforate with 2JSPF the intervals on the attached sheet.

4) Rig up and stimulate with 51,600 gallons of 15% HCL and additives, and 40,000 gallons of thermo-frac.

5) Return well to production.

RECEIVED JUL 1 1976 DIVISION OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: July 1, 1976
BY: P. L. Driscoll

18. I hereby certify that the foregoing is true and correct

SIGNED: K. Bailey TITLE: Drilling & Production Mgr. DATE: 6-29-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

G.P.O. : 1973- 780-622 /VIII- 148

UTE TRIBAL 1-27B

PERFORATING PROGRAM

Perforate the following Coriband - GR Intervals with 2 JSPF using Dresser .40" thru tubing D. C. Gun:

Interval	Feet	New Footage
16028-32	4	4
16003-08*	5	
15868-70*	2	
15794-96	2	2
15706-10*	4	
15657-60*	3	
15627-29*	2	
15598-600*	2	
15563-65	2	2
15534-36	2	2
15512-14*	2	
15500-04	4	
15490*	1	
15457-59	2	2
15440-44*	4	
15395-400*	5	
15363-65*	2	
15340-43*	3	
15286-88*	2	
15210*	1	
15196-200*	4	
15160-62*	2	
15102-04*	2	
14992-94*	2	
14966-70*	4	
14936-38	2	2
14882-84	2	2
	72 Ft.	16 Ft.

72 Ft. X 2JSPF = 144 Shots.

* Denotes reperforation of existing intervals.

Flying Diamond Oil Corporation

1700 BROADWAY SUITE 900 DENVER, COLORADO 80202 PHONE (303) 573-6624

July 12, 1976

To Whom It May Concern:

Effective June 1, 1976 Flying Diamond Oil Corporation took over operation of the following leases:

LEASE NAME	LEGAL DESCRIPTION		
1) Ute Tribal #2 (W-8)	Sec. 8	1S	1W
2) Chasel E-17	Sec. 17	1S	1W
3) Ute Tribal W-4	Sec. 4	1S	1W
4) Ute Tribal W-16	Sec. 16	1S	1W
5) K. Shisler W-9	Sec. 9	1S	1W
6) Ute Tribal 1-28B	Sec. 28	1N	2W
7) Ute Tribal 2-35B	Sec. 35	1N	2W
8) Everett Yump	Sec. 31	1N	1W
9) Ute Tribal 1-26B	Sec. 26	1N	2W
10) Ute Tribal 1-27B	Sec. 27	1N	2W
11) Ute Tribal 1-29B	Sec. 29	1N	2W
12) Ute Tribal 1-34B	Sec. 34	1N	2W

The attached schedule reflects the metered beginning inventory as of June 1, 1976.

RECEIVED
JUL 16 1976
DIVISION
GAS, & MINING

CIRCULATE TO:

DIRECTOR
PETROLEUM ENGINEER
MINE OPERATOR
ADMINISTRATIVE ASSISTANT
ALL

RETURN TO
FOR FILING

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: 40-20-H62-1708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: FLYING DIAMOND OIL CORPORATION

8. FARM OR LEASE NAME: Ute Tribal 1-27B

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 900, Denver, Colorado 80290

9. WELL NO.: 1-27B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1444' FWL and 1828' FSL, SEC 27-T1N-R2W

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC 27-T1N-R2W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7057' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*	X	SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plug and abondon well in accordance with Utah and U.S.G.S. rules and procedures on or about August 15, 1977.

RECEIVED
SEP 12 1977
DIVISION OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Sept 12, 1977
BY: P. L. Driscoll

18. I hereby certify that the foregoing is true and correct

SIGNED G. K. Bailey TITLE Manager, Drilling & Production DATE 9-2-77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDoc AFE #1377

Ute Tribal 1-27B (1708)

April 1, 1977

[illegible]

[illegible] NUMBER

FORMATION Wasatch

Location: NE ¼ SW ¼ Sec 27 T 1N R 2W

KB Elevation: 6069 (12')

Spud Date April 24, 1974

Comp Date August 17, 1974

TD 16,600' PBTD 16,514'

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Surface	9-5/8	36#	K-55 S-95	2663	950
Casing	7"	23&26	N-80 S-95	13330	438
Liner	5"	18#	N-80	13014-16597	889

Date	ALL TIME CUM MCFD	MCFW	MMCFG	DESCRIPTION OF WORK	TEST OPEN	DEPTH FROM	DEPTH TO	FLUID TYPE	VOL GAL	RATE BPM	PRES PSI	HHP PSI	GRAD	[illegible]	PROD, BOREHOLE, PERFORATIONS Method	Perfs	Refer
				Set 5" Model E Packer			13050										
8/13/74	0	0	0	Shot 234 holes, 38 intervals	234	14954	16410										910/0/626
8/ 7/74				Acid		14954	16410	15% HCL	10000	6	9200				Flowing		2064/0/-
5/ 1/75	140	18	95	Ran Nat'l Pump Cavity & 7" Otis Pl Pkr.			12990								HP	196/72/288	230/50/190
8/28/76	208	98	181	Shot 104', 208 holes, 14 intervals (66' new)	300	15360	16056									83/23/80	
8/31/76				Acid in 19 stgs, gel-acid-flush		14954	16410	15% HCL	38000	6	8700						
10/6/76				Run Submersible Pump			12100								SP		
10/12/76				Found casing collapsed													
2/3/77				Cut & pulled tbg.			7519										
3/26/77				Swaged collapse to 6-1/8"		7649	7744										
3/27/77				Lost tool string in hole													

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: FLYING DIAMOND OIL CORPORATION

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 900, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1444' FWL and 1828' FSL, Sec. 27-T1N-R2W

5. LEASE DESIGNATION AND SERIAL NO.: 40-20-H62-1708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ute Tribal 1-27B

9. WELL NO.: 1-27B

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27-T1N-R2W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7057' GR

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[X]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Flying Diamond intends to plug and abandon the subject well as soon as approval can be attained. The casing is collapsed @ 7649'. An attempt to swage out the casing in March, 1977, failed and 10 drill collars were lost in the hole.

PROCEDURE:

1) MIRUSU & Install BOP.
2) Release Pkr. & spot 50 sx cmt plug from 7385-7649'
3) Pull & lay down tbg.
4) RDMOSU.
5) MIRU csg. puller.
6) Free point & shoot off 7" csg. & pull same.
7) Fill hole w/minimum 8.7 PPG mud.
8) Spot plugs as follows:

SIZE	DEPTH
50 Sx	Inside & outside csg. stub
50 Sx	3700 - 3813'
50 Sx	Inside - outside surface pipe, 2500 - 2713'
10 Sx	Surface

con't.

RECEIVED DEC 6 1977 DIVISION OF OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED E B Whicker/BH TITLE Roosevelt Dist. Supt. DATE Dec. 5, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Dec 7, 1977

BY: P L Driscoll

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

9) Set regulation marker.
10) Remove all flowlines and battery equipment.
11) Contour & re-seed location.

There are no recompletion possibilities as the casing is collapsed above the Green River Formation. A brief well history and data sheet are attached.

Cumulative Wasatch Production is:

209 MBO, 181 MMCFG, 98 MBW.

WELL Ute Tribal 1-27B (1708)

DATE April 1, 1977

FDOC W.I.

CURVE NUMBER

FORMATION Wasatch

Location: NE ¼: SW¼: Sec 27: T 1N: R 2W

KB Elevation: 6069 (12')

Spud Date April 24, 1974

Comp Date August 17, 1974

TD 16,600' PBTD 16,514'

Tubulars	Size	WT	Grade	Depth	Cement
Surface	9-5/8	36#	S-95 K-55	2663	950
Casing	7"	23&26	S-95	13330	438
Liner	5"	18#	N-80	13014-16597	889

Formation	Top

Date	ALL TIME CUM MBO	MBW	MMCFG	DESCRIPTION OF WORK	FEET OPEN	DEPTH FROM	TO	FLUID TYPE	VOL GAL	RATE BPM	PRES PSI	BHP PSI	GRAD	PI	PROD, BOPD/BWPD/MCFGD Method	Before	After
				Set 5" Model F Packer			13050										
8/13/74	0	0	0	Shot 234 holes, 38 intervals	234	14954	16410										910/0/626
8/17/74				Acid		14954	16410	15% HCL	10000	6	9200				Flowing		2064/0/-
5/27/75	140	18	95	Ran Nat'l Pump Cavity & 7" Otis PL Pkr.			12990								HP	196/72/288	230/50/190
8/28/76	208	98	181	Shot 104', 208 holes, 14 intervals (66' new)	300	15360	16056									83/23/80	
8/31/76				Acid in 19 stgs, gel-acid-flush		14954	16410	15% HCL	38000	6	8700						
10/6/76				Ran Submersible Pump			12100								SP		
10/12/76				Found casing collapsed													
2/3/77				Cut & pulled tbg.			7519										
3/26/77				Swaged collapse to 6-1/8"		7649	7744										
3/27/77				Lost tool string in hole													

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: FLYING DIAMOND OIL CORPORATION

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 900, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1444' FWL and 1828' FSL, Sec. 27-T1N-R2W

5. LEASE DESIGNATION AND SERIAL NO.: 40-20-H62-1708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ute Tribal 1-27B

9. WELL NO.: 1-27B

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27-T1N-R2W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7057' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF		PULL OR ALTER CASING	
FRACTURE TREAT		MULTIPLE COMPLETE	
SHOOT OR ACIDIZE		ABANDON*	X
REPAIR WELL		CHANGE PLANS	
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREATMENT		ALTERING CASING	
SHOOTING OR ACIDIZING		ABANDONMENT*	
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Flying Diamond intends to plug and abandon the subject well as soon as approval can be attained. The casing is collapsed @ 7649'. An attempt to swage out the casing in March, 1977, failed and 10 drill collars were lost in the hole.

PROCEDURE: (Revised 1-17-78)

1) MIRUSU & Install BOP.
2) Release Pkr.
3) Fill Hole & attempt to pump into Fm w/water.
4) If pumping is possible, pump 50 sx cmt, 185 bbls. 9.4#± mud, & 100 sxs cmt. Displace to 7500' w/mud, leaving cmt. plugs @ 7500 - 8035 (collapsed area) and 12,870' - 13,280' (liner lap). WOC
5) Press. test to 500 PSI above ISIP.
6) Spot 2nd plug if necessary.
7) POOH w/Tbg., Cavity, & Pkr. laying down Tbg.
8) RDMOSU.
9) MIRU Csg. Jacks.
10) Free Point & cut csg. ~7400'.
11) Spot 100 sx cmt., 260' plug inside & outside csg. stub.
12) Spot 100 sx cmt., 260' plug @ 4500'±
13) Spot, plug from 2600 - 2700', to cover surface pipe seat.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: June 23, 1978
BY: [signature]

con't.

18. I hereby certify that the foregoing is true and correct

SIGNED E. B. Wheeler TITLE Roosevelt Dist. Supt. DATE Jan. 17, 1978

(This space for Federal or State office use)

APPROVED BY [signature] TITLE _____ DATE _____ 1978

CONDITIONS OF APPROVAL, IF ANY:

Subject to the Attached Conditions - If casing cannot be pulled program change requires approval.

*See Instructions on Reverse Side

P.d.

Flying Diamond Oil Corporation

P.O. DRAWER 130 ROOSEVELT, UTAH 84066 PHONE (801) 722-5166

January 17, 1978

RECEIVED JAN 20 1978 OIL & MINING

Mr. E. W. Guynn
District Engineer
Geological Survey
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

RE: Plugging and Abandon Program
Ute Tribal Well No. 1-27B
NE/4 SW/4 Sec. 27-1N-2W, USM
Duchesne County, Utah
Ute Tribal Lease 40-20-H62-1708

Dear Mr. Guynn:

A sundry notice reflecting our revised procedure is attached per our phone conversation this morning. Your help with this procedure is appreciated.

Very truly yours,

E. B. Whicker

E. B. Whicker

EBW/ee

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: 40-20-H62-1708

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

7. UNIT AGREEMENT NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: FLYING DIAMOND OIL CORPORATION

8. FARM OR LEASE NAME: Ute Tribal 1-27B

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 900, Denver, Colorado 80290

9. WELL NO.: 1-27B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

1444' FWL and 1828' FSL, Sec. 27-T1N-R2W

RECEIVED
JUL 23 1984
DIVISION OF OIL GAS & MINING

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27-T1N-R2W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7057' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*	X	SHOOTING OR ACIDIZING		ABANDONMENT*	X
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Flying Diamond intends to plug and abandon the subject well as soon as approval can be attained. The casing is collapsed @ 7649'. An attempt to swage out the casing in March, 1977, failed and 10 drill collars were lost in the hole.

PROCEDURE: (Revised 1-17-78)

1) MIRUSU & Install BOP.
2) Release Pkr.
3) Fill Hole & attempt to pump into Fm w/water.
4) If pumping is possible, pump 50 sx cmt, 185 bbls. 9.4#± mud, & 100 sxs cmt. Displace to 7500' w/mud, leaving cmt. plugs @ 7500 - 8035 (collapsed area) and 12,870' - 13,280' (liner lap). WOC
5) Press. test to 500 PSI above ISIP.
6) Spot 2nd plug if necessary.
7) POOH w/Tbg., Cavity, & Pkr. laying down Tbg.
8) RDMOSU.
9) MIRU Csg. Jacks.
10) Free Point & cut csg. ~7400'.
11) Spot 100 sx cmt., 260' plug inside & outside csg. stub.
12) Spot 100 sx cmt., 260' plug @ 4500'±
13) Spot, plug from 2600 - 2700', to cover surface pipe seat.

con't.

18. I hereby certify that the foregoing is true and correct

SIGNED E. B. Wilcher TITLE Roosevelt Dist. Supt. DATE Jan. 17, 1978

(This space for Federal or State office use)

APPROVED BY [signature] TITLE _____ DATE JAN 17 1978

CONDITIONS OF APPROVAL, IF ANY:

Cond. of Appr Attch'd to Oper Copy

*See Instructions on Reverse Side

If csg cannot be pulled - program change requires approval

File
Copy to VEL

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

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Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

G.P.O. : 1973- 780-622 /VIII- 148

14) Spot 10 sx plug at surface w/dry hole marker.
15) Clean & level location.

There are no recompletion possibilities as the casing is collapsed above the Green River Formation. A brief well history and data sheet are attached.

Cumulative Wasatch Production is:
209 MBO, 181 MMCFG, 98 MBW.

No additional surface disturbance is required for this activity.

SALT LAKE CITY, UTAH
JAN 20 1982
RECEIVED
SALT LAKE CITY, UTAH

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 5, 1984

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attention Ms Benna Muth

Gentlemen

This office received a notice of intention to abandon Well No. Ute Tribal 1-27B, Lease 10-20-H62-1708, API #43-013-30305, Sec. 27, T 1N., R. 2W., Duchesne County, Utah, however, we have never received a subsequent report of abandonment.

If your office has received this notice, or any other information, please send us a copy in order to reconcile our records.

Your cooperation is greatly appreciated and if we may be of service to you please feel free to contact us.

Sincerely

Claudia L. Jones

Claudia L. Jones
Well Records Specialist

clj

cc Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

RECEIVED
JUL 23 1984
DIVISION OF OIL
GAS & MINING

IN REPLY
REFER TO:

3100
U-40-20-H62-1708
U-801

July 19, 1984

Claudia L. Jones
Well Records Specialist
State of Utah Natural Resources -
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: Surface Restoration on Ute
Tribal 1-27B
Sec. 27, 1N, 2W
Duchesne County, Utah
Lease 10-20-H62-1708

Enclosed is a copy of the report of abandonment on Well No. Ute Tribal 1-27B, Lease 10-20-H62-1708, API #43-013-30305, Sec. 27, T1N, R2W, Duchesne County, Utah for your records. The surface was leveled to satisfaction and the reseeding established,with the dry hole marked and correctly labeled.

Subsequently, the well site has been approved as a waste water site by the State of Utah and the Ute Tribe. There are currently 4 disposal pits on site with the potential for expansion. If we may be of further service, please fell free to contact us.

Sincerely,

Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

Enclosure