FILE NOTATIONS

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

Checked by Chief ...✓.....
Approval Letter ...✓.....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....
W..... WW..... TA.....
GW..... OS..... PA.....

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

LOGS FILED

Driller's Log.....
Logs (No.) .....
..... Dual I Lat..... GR-N..... Micro.....
..... Lat..... Mi-L..... Sonic.....
..... Others.....

GREAT BASINS PETROLEUM CO.

304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

(303-534-5660)

RECEIVED
OCT 17 1977

October 14, 1977

State of Utah
Oil, Gas & Mining Division
1558 West, North Temple
Salt Lake City, Utah 84116

Gentlemen:

Re: #1 West Ashley G-21
Sec. 21, T5S, R22E
Uintah County, Utah

Enclosed in duplicate is the Application for Permit to Drill the subject mentioned well for your approval.

Thank you for your cooperation in this matter.

Very truly yours,

John E. Hathaway

John E. Hathaway

ab
Encs.

Note: change in cementing surface pipe.

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

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

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

2. NAME OF OPERATOR: Great Basins Petroleum Co.

3. ADDRESS OF OPERATOR: 304 Republic Bldg., Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1994' FEL, 1959' FNL, Sec. 21, T5S, R22E
At proposed prod. zone: Same SW NE

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah, ML-26683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME:

9. WELL NO.: #1 West Ashley G-21

10. FIELD AND POOL, OR WILDCAT: ~~Wildcat~~ Ashley Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T5S, R22E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 9 miles ESE of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1959'

16. NO. OF ACRES IN LEASE: 520

17. NO. OF ACRES ASSIGNED TO THIS WELL: 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: No wells on lease

19. PROPOSED DEPTH: 5000

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5099'GR

22. APPROX. DATE WORK WILL START*: 31 Oct., 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	9 5/8"	36.0#	500'	~~250 sx.~~ Rec. 350 sx
9"	7"	23.0#	4500'	250 sx.

RECEIVED OCT 17 1977

ok. - would recommend 350 sacks for surface. Setting depth is ok.

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 John E. Hathaway TITLE Sr. Geologist DATE 14 Oct., 1977
John E. Hathaway

(This space for Federal or State office use)

PERMIT NO. 43-047-30329 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED
OCT 17 1977

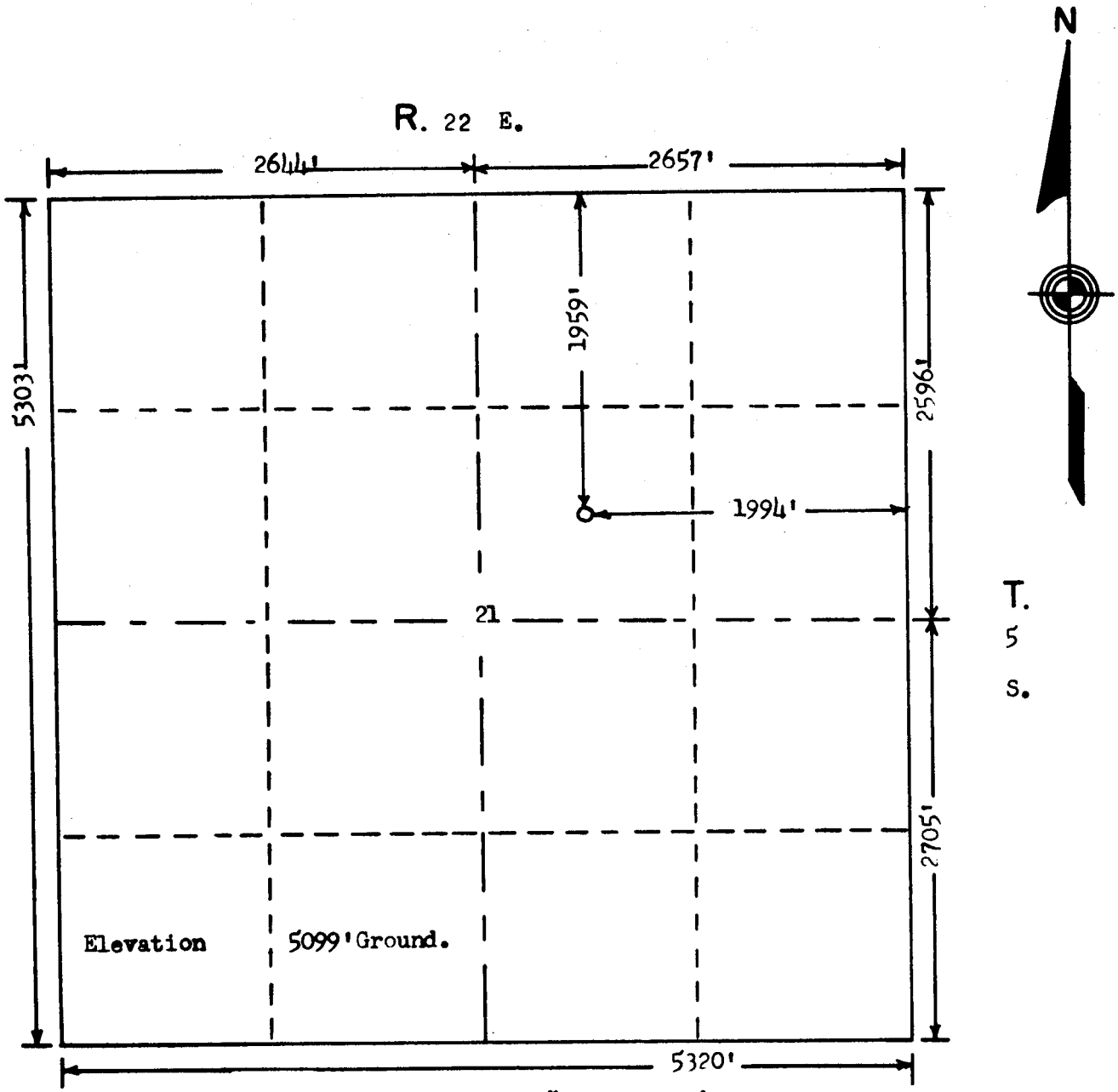
GEOLOGICAL PROGNOSIS

Great Basins 1 West Ashley G-21

Sec. 21, T5S, R22E, Uintah County, Utah

Formation	Drilled Depth	Sea Level Depth (K.B.)
Mancos shale	Surface	0
Frontier sandstone	1,535	+3580
Second	1,595	+3520
Mowry shale	1,760	+3355
Dakota sandstone	1,885	+3230
Morrison	1,940	+3175
Salt Wash sandstone	2,465	+2650
Curtis shale	2,725	+2390
Entrada sandstone	2,840	+2275
Carmel sandstone	3,075	+2040
Nugget sandstone	3,210	+1905
Chinle evaporite	3,925	+1190
Moenkopi shale	4,105	+1010
Phosphoria carbonate	4,765	+ 350
Weber sandstone	4,900	+ 215
Total depth	5,000	+ 112

FORM F-106



Scale··· 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Walker
for Great Basin Petroleum
determined the location of #1 West Ashley G-21
to be C SW NE Section 21 Township 5 S.
Range 22 E. of the Salt Lake Principal Meridian
Uintah County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of #1 West Ashley G-21

Date: 9-29-77

T. Nelson

Licensed Land Surveyor No. 2711
State of Utah

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Oct. 18 -

Operator: Great Basins Pet.

Well No: West Ashley G-21

Location: Sec. 21 T. 5S R. 22E County: Uintah

File Prepared: / / *Entered on N.I.D.:* / /

Card Indexed: / / *Completion Sheet:* / /

API NUMBER: 43-047-30329

CHECKED BY:

Administrative Assistant SW

Remarks: No other wells in Sec. 21 -

Petroleum Engineer PLD

Remarks:

Director _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK/JT *Survey Plat Required:* / /

Order No. / / *Surface Casing Change to* 350 Sacks ✓

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site / /

O.K. Rule C-3 ✓ *O.K. In* _____ *Unit* / /

Other:

✓ *Letter Written/~~Approved~~*

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director, NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

October 21, 1977

Great Basins Petroleum Company
304 Republic Building
Denver, Colorado 80202

Re: Well No. 1 West Ashley G-21
Sec. 21, T. 5 S, R. 22 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, it should be noted that this office is recommending 350 sacks of cement for the surface casing rather than the 250 as specified.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

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

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30329.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

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

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

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

2. NAME OF OPERATOR
Great Basins Petroleum Co.

3. ADDRESS OF OPERATOR
304 Republic Bldg., Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
SW NE, 1994' FEL, 1959' FNL, Sec. 21, T5S, R22E

At proposed prod. zone
Same

5. LEASE DESIGNATION AND SERIAL NO.
State of Utah, ML-26683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
State of Utah

9. WELL NO.
West Ashley G-21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T5S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles SE of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1959'

16. NO. OF ACRES IN LEASE
520

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
No wells on lease

19. PROPOSED DEPTH
5000

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5099'GR

22. APPROX. DATE WORK WILL START*
Dec. 21, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	9 5/8"	36.0#	500'	Returns to surface
7 7/8"	5½"	15.5#		

This application was submitted Oct. 14, 1977 and approved by Mr. Feight by letter dated Oct. 21, 1977.

Please note minor changes on lines 4, 8, 9, 14, 17, 22 & 23 above.

Present status: Moving in rotary tools

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 12/27/77
BY: C.B. Feight

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. E. Hayward TITLE Regional Exploration Manager DATE Dec. 21, 1977

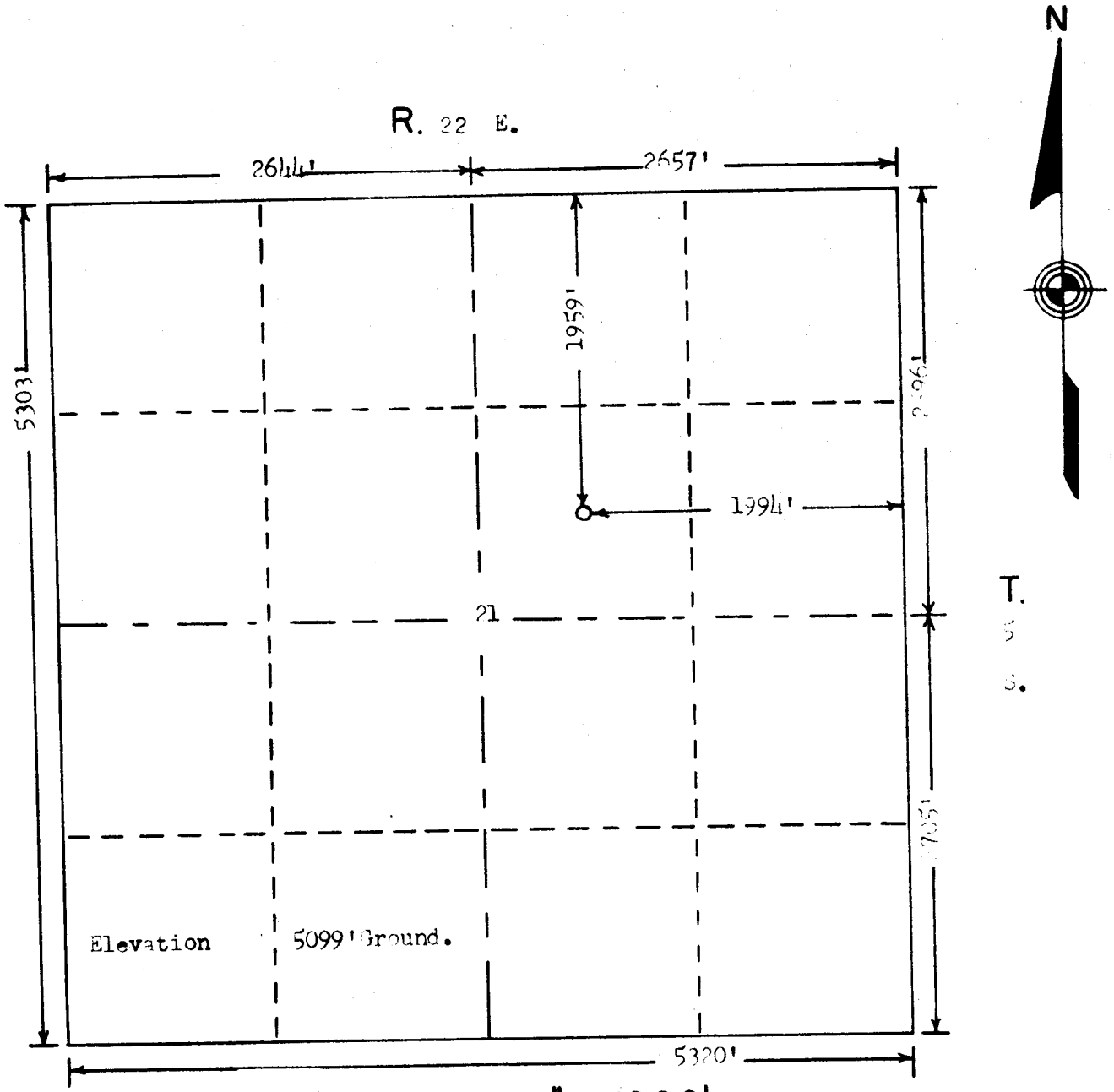
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side

FORM F-106



Scale··· 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Walker
for Great Basin Petroleum
determined the location of #1 West Ashley G-21
to be C SW NE **Section** 21 **Township** 5 S.
Range 22 E. of the Salt Lake Principal **Meridian**
Uintah **County,** Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of
#1 West Ashley G-21

Date: 9-29-77

T. Nelson
Licensed Land Surveyor No. 2711
State of Utah

GREAT BASINS PETROLEUM CO.

304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

(303-534-5660)

December 21, 1977

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Re: Well No. West Ashley G-21
Sec. 21, T. 5 S, R. 22E,
Uintah County, Utah

Enclosed in triplicate is an Application for Permit to Drill regarding the above mentioned well. The application is self-explanatory and for your information and further handling.

Very truly yours,

R. E. Hayward

R. E. Hayward ab

ab
Enc.

GREAT BASINS PETROLEUM CO.

304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

(303-534-5660)

RECEIVED
DEC 29 1977
DIVISION OF OIL, GAS, & MINING

December 27, 1977

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Re: Well No. West Ashley G-21
Sec. 21, T5S, R22E
Uintah County, Utah

Gentlemen:

Enclosed in triplicate is the Sundry Notices and Reports on Wells for the aforementioned well to supplement our phone conversation of this date advising the commencement thereof.

Very truly yours,

R. E. Hayward

ab
Encs.

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.)

RECEIVED
DEC 29 1977
DIVISION OF OIL, GAS, & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
Great Basins Petroleum Co.

3. ADDRESS OF OPERATOR
304 Republic Bldg., Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SW NE, 1994'FEL, 1959' FNL, Sec. 21, T5S, R22E

5. LEASE DESIGNATION AND SERIAL NO.
State of Utah, ML-26683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
State of Utah

9. WELL NO.
West Ashley G-21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T5S, R22E

14. PERMIT NO.
API # 43-047-30329

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5099'GR

12. COUNTY OR PARISH
Uintah

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*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Commence drilling operations			X
(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.) *

Subject well was spudded December 26, 1977 at 7:00 PM.

Drilling Contractor - Thomson Drilling Inc. - Rig #5

CONFIDENTIAL

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

SIGNED R. W. Hayward TITLE Regional Exploration Manager DATE December 27, 1977

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

GREAT BASINS PETROLEUM CO.

304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

(303-534-5660)

December 30, 1977

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Gentlemen:

Re: Well No. West Ashley G-21
Sec. 21, T5S, R22E
Uintah County, Utah

Enclosed in triplicate is the Sundry Notices and Reports on Wells for the aforementioned well to advise you of its progress.

Very truly yours,

R. E. Hayward

ab
Encs.

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.: State of Utah, ML-26683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1. OIL WELL ☐ GAS WELL ☐ OTHER Exploratory well

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Great Basins Petroleum Co.

8. FARM OR LEASE NAME: State of Utah

3. ADDRESS OF OPERATOR: 304 Republic Bldg., Denver, Colo. 80202

9. WELL NO.: West Ashley G-21

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SW NE, 1994'FEL, 1959'FNL, Sec. 21, T5S, R22E

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T5S, R22E

14. PERMIT NO.: API # 43-047-30329

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5099'GR

12. COUNTY OR PARISH: Uintah

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*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Progress report			X
(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.)*

Spudded Dec. 26, 1977.
Set 506.38 feet of 9 5/8 inch, 40#, K-55, LTC, R-3 casing.
Landed at 520 feet KB.
Used 300 sacks, Class G, 3% $CaCl_2$, ¼# Celloflake/sack cement. Had good returns to surface.
Status, December 30: Drilling.

CONFIDENTIAL

RECEIVED
JAN 3 1978
DIVISION OF OIL, GAS, & MINING

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

SIGNED R. E. Hayward TITLE Regional Exploration Manager DATE December 30, 1977

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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.: State of Utah, ML-2668

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1. OIL WELL ☐ GAS WELL ☐ OTHER Exploratory Well

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Great Basins Petroleum Co.

8. FARM OR LEASE NAME: State of Utah

3. ADDRESS OF OPERATOR: 304 Republic Bldg., Denver, Colo. 80202

9. WELL NO.: West Ashley G-21

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

SW NE, 1994'FEL, 1959'FNL, Sec. 21, T5S, R22E

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T5S, R22E

14. PERMIT NO.: API # 43-047-30329

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5099'GR

12. COUNTY OR PARISH: Uintah

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*	☐
REPAIR WELL	☐	CHANGE PLANS	☐
(Other)			

SUBSEQUENT REPORT OF:

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

(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.)*

January 13, 1978 - Drilling

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

SIGNED R. E. Hayward TITLE Regional Exploration Manager DATE January 13, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.: State of Utah, ML-266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1. OIL WELL ☐ GAS WELL ☐ OTHER Exploratory Well

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Great Basins Petroleum Co.

8. FARM OR LEASE NAME: State of Utah

3. ADDRESS OF OPERATOR: 304 Republic Bldg., Denver, Colo. 80202

9. WELL NO.: West Ashley G-21

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

SW NE, 1994'FEL, Sec. 21, T5S, R22E

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T5S, R22E

14. PERMIT NO.: API # 43-047-30329

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5099'GR

12. COUNTY OR PARISH: Unitah

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*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Progress Report			X
(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.)*

January 20, 1978 - Drilling

CONFIDENTIAL

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

SIGNED R.E. Hayward TITLE Regional Exploration Manager DATE January 20, 1978

R.E. Hayward

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

7

January 31, 1978'

MEMO TO FILE:

Re: Great Basins Petroleum
Well No. #1 West Ashley G-21
SW NE, Sec. 21, T. 5S., R. 22E.
Uintah County, Utah

Confidential....

Verbal permission was requested to plug and abandon this well. The pertinent data is:

Surface Casing:	9 "	@	520'
Total Depth:			5471'
Tops:			
Frontier			1783'
Mowry			2018'
Dakota			2153'
Morrison			2274'
Entrada			3206'
Nugget			3583'
Chinle			4313'
Phosphoria			5197'
Weber			5351'

The following plugs were set:

Plug #1	5300-5200'
Plug #2	4350-4250'
Plug #3	2325-2225'
Plug #4	1050-1950'
Plug #5	500-600'
Plug #6	20-Surface

A regulation dry hole marker will be set. The location will be levelled, reseeded, and graded.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

GREAT BASINS PETROLEUM CO.

304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

(303-534-5660)

January 27, 1978

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Gentlemen:

Re: Well No. West Ashley G-21
Sec. 21, T5S, R22E
Uintah County, Utah

Enclosed in triplicate is the Sundry Notices and Reports on Wells for the aforementioned well to advise you of its progress.

Very truly yours,

R. E. Hayward

R. E. Hayward

ab

ab
Encs

RECEIVED
JAN 30 1978
DIVISION OF OIL, GAS, & MINING

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.: State of Utah, ML-266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: State of Utah

9. WELL NO.: West Ashley G-21

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T5S, R22E

1. OIL WELL ☐ GAS WELL ☐ OTHER Exploratory Well

2. NAME OF OPERATOR: Great Basins Petroleum Co.

3. ADDRESS OF OPERATOR: 304 Republic Bldg., Denver, Colo. 80202

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

SW NE, 1994'FEL, Sec. 21, T5S, R22E

14. PERMIT NO.: API # 43-047-30329

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5099'GR

12. COUNTY OR PARISH: Uintah

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*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Progress Report			X
(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.)*

January 27, 1978 - Preparing to abandon

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

SIGNED R. E. Hayward TITLE Regional Exploration Manager DATE January 27, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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*------SCHLUMBERGER-----*
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SCHLUMBERGER DIRECTIONAL SURVEY

GREAT BASIN PETROLEUM

WEST ASHLEY G-21

WILDCAT

UINTA COUNTY,UTAH

RUN NO. 1 520 - 5467

JANUARY 25, 1978

START OF SURVEY IS CASING AT 520 FT.

TANGENTIAL METHOD

RECEIVED
MAR 6 1978
DIVISION OF OIL
GAS, & MINING

REFERENCE JOB 4035.

Schlumberger

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*------SCHLUMBERGER-----*
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SCHLUMBERGER DIRECTIONAL SURVEY

GREAT BASIN PETROLEUM

WEST ASHLEY G-21

WILDCAT

UINTA COUNTY,UTAH

RUN NO. 1 520 - 5467

JANUARY 25, 1978

START OF SURVEY IS CASING AT 520 FT.

TANGENTIAL METHOD

REFERENCE JOB 4035.

Schlumberger

REF 4035. PAGE 1

DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
520.0	6.4	86.0	520.0	0.0	0.0	0.0
530.0	6.4	22.9	529.9	0.1	1.1	1.1
540.0	6.5	45.8	539.9	0.1	2.3	2.3
550.0	6.5	68.7	549.8	0.2	3.4	3.4
560.0	6.5	87.2	559.7	0.2	4.5	4.5
570.0	6.5	88.0	569.7	0.3	5.7	5.7
580.0	6.5	86.5	579.6	0.3	6.8	6.8
590.0	6.6	84.0	589.5	0.5	7.9	7.9
600.0	6.6	85.5	599.5	0.6	9.1	9.1
610.0	6.6	88.0	609.4	0.6	10.2	10.2
620.0	6.7	88.2	619.3	0.6	11.4	11.4
630.0	6.7	89.0	629.3	0.6	12.6	12.6
640.0	6.7	88.0	639.2	0.7	13.7	13.7
650.0	6.8	88.0	649.1	0.7	14.9	14.9
660.0	7.0	88.0	659.1	0.8	16.1	16.1
670.0	7.1	88.0	669.0	0.8	17.4	17.4
680.0	7.2	86.8	678.9	0.9	18.6	18.6
690.0	7.4	86.0	688.8	1.0	19.9	19.9
700.0	7.5	87.2	698.7	1.0	21.2	21.2
710.0	7.5	88.0	708.7	1.1	22.5	22.5
720.0	7.5	85.7	718.6	1.2	23.8	23.8
730.0	7.5	84.0	728.5	1.3	25.1	25.2
740.0	7.5	83.7	738.4	1.5	26.4	26.5
750.0	7.5	87.0	748.3	1.5	27.7	27.8
760.0	7.4	85.3	758.2	1.6	29.0	29.1
770.0	7.6	87.0	768.1	1.7	30.3	30.4
780.0	7.6	86.8	778.1	1.8	31.6	31.7
790.0	7.6	86.0	788.0	1.9	33.0	33.0
800.0	7.6	86.2	797.9	2.0	34.3	34.3
810.0	7.7	87.0	807.8	2.0	35.6	35.7
820.0	7.8	87.0	817.7	2.1	37.0	37.0
830.0	7.8	87.0	827.6	2.2	38.3	38.4
840.0	7.8	86.8	837.5	2.2	39.7	39.8
850.0	7.9	86.0	847.4	2.3	41.1	41.1
860.0	7.8	85.2	857.3	2.5	42.4	42.5
870.0	7.8	86.0	867.2	2.6	43.8	43.9
880.0	7.7	85.3	877.1	2.7	45.1	45.2
890.0	7.7	87.0	887.0	2.7	46.4	46.5
900.0	7.8	86.3	897.0	2.8	47.8	47.9
910.0	7.7	88.0	906.9	2.9	49.1	49.2
920.0	7.6	88.0	916.8	2.9	50.5	50.5
930.0	7.7	88.0	926.7	3.0	51.8	51.9
940.0	7.6	90.5	936.6	2.9	53.1	53.2
950.0	7.7	88.0	946.5	3.0	54.5	54.6
960.0	7.6	89.0	956.4	3.0	55.8	55.9
970.0	7.7	89.0	966.3	3.0	57.1	57.2

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
980.0	7.7	88.8	976.2	3.1	58.5	58.6
990.0	7.7	88.0	986.1	3.1	59.8	59.9
1000.0	7.8	84.7	996.1	3.2	61.2	61.2
1010.0	7.7	83.0	1006.0	3.4	62.5	62.6
1020.0	7.7	83.5	1015.9	3.6	63.8	63.9
1030.0	7.9	81.0	1025.8	3.8	65.2	65.3
1040.0	8.0	79.5	1035.7	4.0	66.5	66.7
1050.0	7.8	82.0	1045.6	4.2	67.9	68.0
1060.0	7.8	82.0	1055.5	4.4	69.2	69.4
1070.0	7.8	82.0	1065.4	4.6	70.6	70.7
1080.0	7.8	80.2	1075.3	4.8	71.9	72.1
1090.0	7.8	81.0	1085.2	5.0	73.3	73.4
1100.0	7.9	78.7	1095.1	5.3	74.6	74.8
1110.0	7.8	82.0	1105.0	5.5	75.9	76.1
1120.0	7.9	78.8	1114.9	5.8	77.3	77.5
1130.0	7.8	78.0	1124.8	6.0	78.6	78.8
1140.0	7.9	79.8	1134.8	6.3	80.0	80.2
1150.0	7.8	79.0	1144.7	6.5	81.3	81.6
1160.0	7.8	80.0	1154.6	6.8	82.6	82.9
1170.0	7.8	80.0	1164.5	7.0	84.0	84.3
1180.0	7.8	78.2	1174.4	7.3	85.3	85.6
1190.0	7.8	79.0	1184.3	7.5	86.6	87.0
1200.0	7.8	79.3	1194.2	7.8	88.0	88.3
1210.0	7.8	81.0	1204.1	8.0	89.3	89.7
1220.0	7.7	78.2	1214.0	8.3	90.6	91.0
1230.0	7.8	79.0	1223.9	8.5	92.0	92.3
1240.0	7.8	78.3	1233.8	8.8	93.3	93.7
1250.0	7.7	80.0	1243.7	9.0	94.6	95.0
1260.0	7.8	77.8	1253.6	9.3	95.9	96.4
1270.0	7.9	77.0	1263.6	9.6	97.3	97.7
1280.0	7.7	77.7	1273.5	9.9	98.6	99.1
1290.0	7.8	76.0	1283.4	10.3	99.9	100.4
1300.0	7.9	75.3	1293.3	10.6	101.2	101.8
1310.0	7.8	77.0	1303.2	10.9	102.5	103.1
1320.0	7.8	75.8	1313.1	11.2	103.9	104.5
1330.0	7.7	75.0	1323.0	11.6	105.2	105.8
1340.0	7.7	75.7	1332.9	11.9	106.5	107.1
1350.0	7.8	74.0	1342.8	12.3	107.8	108.5
1360.0	7.8	75.7	1352.7	12.6	109.1	109.8
1370.0	7.7	74.0	1362.6	13.0	110.4	111.1
1380.0	7.7	74.2	1372.5	13.4	111.6	112.4
1390.0	7.7	75.0	1382.5	13.7	112.9	113.8
1400.0	7.7	75.0	1392.4	14.1	114.2	115.1
1410.0	7.7	75.0	1402.3	14.4	115.5	116.4
1420.0	7.6	75.2	1412.2	14.7	116.8	117.7
1430.0	7.7	76.0	1422.1	15.1	118.1	119.1

DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
1440.0	7.6	73.7	1432.0	15.4	119.4	120.4
1450.0	7.7	72.0	1441.9	15.9	120.7	121.7
1460.0	7.7	72.2	1451.8	16.3	121.9	123.0
1470.0	7.7	73.0	1461.7	16.7	123.2	124.3
1480.0	7.6	73.2	1471.6	17.0	124.5	125.6
1490.0	7.7	74.0	1481.6	17.4	125.8	127.0
1500.0	7.7	72.5	1491.5	17.8	127.0	128.3
1510.0	7.6	70.0	1501.4	18.3	128.3	129.6
1520.0	7.6	70.3	1511.3	18.7	129.5	130.9
1530.0	7.6	72.0	1521.2	19.1	130.8	132.2
1540.0	7.6	71.8	1531.1	19.5	132.0	133.5
1550.0	7.6	71.0	1541.0	20.0	133.3	134.8
1560.0	7.6	72.2	1550.9	20.4	134.6	136.1
1570.0	7.5	73.0	1560.9	20.8	135.8	137.4
1580.0	7.6	72.2	1570.8	21.2	137.1	138.7
1590.0	7.5	73.0	1580.7	21.5	138.3	140.0
1600.0	7.5	72.8	1590.6	21.9	139.6	141.3
1610.0	7.5	72.0	1600.5	22.3	140.8	142.6
1620.0	7.5	70.8	1610.4	22.8	142.0	143.8
1630.0	7.4	70.0	1620.3	23.2	143.2	145.1
1640.0	7.4	70.0	1630.3	23.6	144.4	146.4
1650.0	7.3	70.0	1640.2	24.1	145.6	147.6
1660.0	7.3	70.0	1650.1	24.5	146.8	148.9
1670.0	7.3	70.0	1660.0	24.9	148.0	150.1
1680.0	7.3	71.3	1669.9	25.3	149.2	151.4
1690.0	7.3	73.0	1679.9	25.7	150.4	152.6
1700.0	7.2	77.3	1689.8	26.0	151.7	153.9
1710.0	7.3	79.0	1699.7	26.2	152.9	155.1
1720.0	7.4	79.7	1709.6	26.5	154.2	156.4
1730.0	7.5	83.0	1719.5	26.6	155.5	157.7
1740.0	7.4	82.8	1729.4	26.8	156.8	159.0
1750.0	7.5	82.0	1739.4	27.0	158.1	160.3
1760.0	7.6	80.2	1749.3	27.2	159.4	161.7
1770.0	7.5	81.0	1759.2	27.4	160.6	163.0
1780.0	7.6	80.2	1769.1	27.6	161.9	164.3
1790.0	7.6	81.0	1779.0	27.8	163.3	165.6
1800.0	7.7	79.5	1788.9	28.1	164.6	166.9
1810.0	7.6	82.0	1798.8	28.2	165.9	168.3
1820.0	7.6	81.8	1808.7	28.4	167.2	169.6
1830.0	7.6	81.0	1818.7	28.6	168.5	170.9
1840.0	7.6	80.5	1828.6	28.9	169.8	172.2
1850.0	7.7	83.0	1838.5	29.0	171.1	173.6
1860.0	7.7	81.8	1848.4	29.2	172.5	174.9
1870.0	7.7	81.0	1858.3	29.4	173.8	176.3
1880.0	7.6	81.2	1868.2	29.6	175.1	177.6
1890.0	7.7	82.0	1878.1	29.8	176.4	178.9

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
1900.0	7.6	82.3	1888.0	30.0	177.7	180.2
1910.0	7.7	79.0	1897.9	30.2	179.0	181.6
1920.0	7.7	78.8	1907.8	30.5	180.4	182.9
1930.0	7.8	78.0	1917.8	30.8	181.7	184.3
1940.0	7.7	77.8	1927.7	31.1	183.0	185.6
1950.0	7.8	77.0	1937.6	31.4	184.3	187.0
1960.0	7.8	79.2	1947.5	31.6	185.7	188.3
1970.0	7.9	80.0	1957.4	31.9	187.0	189.7
1980.0	7.9	79.2	1967.3	32.1	188.4	191.1
1990.0	7.9	80.0	1977.2	32.4	189.7	192.5
2000.0	8.0	80.2	1987.1	32.6	191.1	193.9
2010.0	8.0	81.0	1997.0	32.8	192.5	195.2
2020.0	8.0	77.3	2006.9	33.1	193.8	196.6
2030.0	8.0	74.0	2016.8	33.5	195.2	198.0
2040.0	8.0	75.5	2026.7	33.9	196.5	199.4
2050.0	8.1	78.0	2036.6	34.2	197.9	200.8
2060.0	8.1	76.0	2046.5	34.5	199.3	202.2
2070.0	8.2	76.0	2056.4	34.8	200.6	203.6
2080.0	8.2	77.3	2066.3	35.2	202.0	205.1
2090.0	8.5	79.0	2076.2	35.4	203.5	206.5
2100.0	9.1	79.8	2086.1	35.7	205.0	208.1
2110.0	8.4	79.0	2096.0	36.0	206.5	209.6
2120.0	8.4	78.8	2105.9	36.3	207.9	211.0
2130.0	8.6	78.0	2115.7	36.6	209.4	212.5
2140.0	8.4	77.0	2125.6	36.9	210.8	214.0
2150.0	8.4	77.0	2135.5	37.2	212.2	215.5
2160.0	8.5	78.8	2145.4	37.5	213.7	216.9
2170.0	8.4	78.0	2155.3	37.8	215.1	218.4
2180.0	8.5	81.0	2165.2	38.1	216.5	219.9
2190.0	8.5	81.0	2175.1	38.3	218.0	221.3
2200.0	8.6	80.8	2185.0	38.5	219.5	222.9
2210.0	9.3	80.0	2194.8	38.8	221.1	224.5
2220.0	9.7	69.8	2204.7	39.4	222.7	226.1
2230.0	8.7	79.0	2214.6	39.7	224.1	227.6
2240.0	8.8	79.0	2224.5	40.0	225.6	229.1
2250.0	8.5	79.0	2234.4	40.3	227.1	230.6
2260.0	8.7	80.2	2244.2	40.5	228.6	232.1
2270.0	9.5	76.0	2254.1	40.9	230.2	233.8
2280.0	8.7	78.2	2264.0	41.2	231.6	235.3
2290.0	8.4	79.0	2273.9	41.5	233.1	236.7
2300.0	8.6	77.2	2283.8	41.8	234.5	238.2
2310.0	8.6	78.0	2293.7	42.1	236.0	239.7
2320.0	8.5	79.0	2303.6	42.4	237.5	241.2
2330.0	8.6	79.0	2313.4	42.7	238.9	242.7
2340.0	8.9	77.3	2323.3	43.1	240.4	244.3
2350.0	9.5	79.0	2333.2	43.4	242.1	245.9

DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
2360.0	8.6	79.0	2343.1	43.7	243.5	247.4
2370.0	8.6	79.0	2353.0	43.9	245.0	248.9
2380.0	8.6	77.3	2362.8	44.3	246.5	250.4
2390.0	8.7	74.0	2372.7	44.7	247.9	251.9
2400.0	9.0	73.8	2382.6	45.1	249.4	253.5
2410.0	9.0	69.3	2392.5	45.7	250.9	255.0
2420.0	9.0	71.0	2402.4	46.2	252.4	256.5
2430.0	8.7	70.7	2412.2	46.7	253.8	258.0
2440.0	8.8	69.0	2422.1	47.2	255.2	259.5
2450.0	8.8	70.5	2432.0	47.7	256.7	261.1
2460.0	8.9	73.0	2441.9	48.2	258.1	262.6
2470.0	9.0	69.2	2451.8	48.8	259.6	264.1
2480.0	9.2	70.0	2461.6	49.3	261.1	265.7
2490.0	8.9	70.8	2471.5	49.8	262.6	267.3
2500.0	9.1	70.0	2481.4	50.4	264.1	268.8
2510.0	9.0	71.2	2491.3	50.9	265.5	270.4
2520.0	9.0	72.0	2501.1	51.3	267.0	271.9
2530.0	9.2	72.7	2511.0	51.8	268.6	273.5
2540.0	9.3	71.0	2520.9	52.3	270.1	275.1
2550.0	9.2	72.5	2530.8	52.8	271.6	276.7
2560.0	9.3	70.0	2540.6	53.4	273.1	278.3
2570.0	9.2	72.0	2550.5	53.9	274.7	279.9
2580.0	9.2	72.0	2560.4	54.4	276.2	281.5
2590.0	9.4	73.3	2570.2	54.8	277.7	283.1
2600.0	9.2	70.0	2580.1	55.4	279.2	284.7
2610.0	9.0	72.8	2590.0	55.9	280.7	286.2
2620.0	9.2	72.0	2599.8	56.3	282.3	287.8
2630.0	9.3	72.7	2609.7	56.8	283.8	289.4
2640.0	9.2	71.0	2619.6	57.3	285.3	291.0
2650.0	9.2	72.3	2629.5	57.8	286.8	292.6
2660.0	9.3	74.0	2639.3	58.3	288.4	294.2
2670.0	9.4	75.0	2649.2	58.7	290.0	295.8
2680.0	10.2	75.0	2659.0	59.2	291.7	297.6
2690.0	10.0	60.5	2668.9	60.0	293.2	299.3
2700.0	9.2	73.0	2678.8	60.5	294.7	300.9
2710.0	9.5	73.2	2688.6	60.9	296.3	302.5
2720.0	9.3	74.0	2698.5	61.4	297.8	304.1
2730.0	9.3	75.0	2708.4	61.8	299.4	305.7
2740.0	9.3	75.0	2718.2	62.2	301.0	307.3
2750.0	9.4	75.0	2728.1	62.7	302.5	309.0
2760.0	9.5	73.6	2737.9	63.2	304.1	310.6
2770.0	9.6	22.3	2747.8	63.8	305.8	312.3
2780.0	9.7	38.2	2757.7	64.3	307.4	314.0
2790.0	9.8	54.1	2767.5	64.9	309.0	315.7
2800.0	9.9	70.0	2777.4	65.5	310.6	317.4
2810.0	9.7	72.2	2787.2	66.0	312.2	319.1

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
2820.0	9.6	73.0	2797.1	66.5	313.8	320.8
2830.0	9.6	72.7	2806.9	67.0	315.4	322.4
2840.0	9.7	71.0	2816.8	67.6	317.0	324.1
2850.0	9.6	72.3	2826.6	68.1	318.6	325.8
2860.0	9.8	74.0	2836.5	68.5	320.2	327.5
2870.0	9.8	71.8	2846.4	69.1	321.8	329.2
2880.0	9.8	71.0	2856.2	69.6	323.4	330.9
2890.0	9.6	69.2	2866.1	70.2	325.0	332.5
2900.0	9.6	70.0	2875.9	70.8	326.6	334.2
2910.0	9.7	69.0	2885.8	71.4	328.1	335.8
2920.0	9.6	69.0	2895.6	72.0	329.7	337.5
2930.0	9.6	70.7	2905.5	72.5	331.3	339.1
2940.0	9.6	69.0	2915.4	73.1	332.8	340.8
2950.0	9.6	69.0	2925.2	73.7	334.4	342.4
2960.0	9.7	69.0	2935.1	74.3	336.0	344.1
2970.0	9.6	68.8	2944.9	75.0	337.5	345.7
2980.0	9.7	68.0	2954.8	75.6	339.1	347.4
2990.0	9.7	69.2	2964.7	76.2	340.7	349.1
3000.0	9.8	70.0	2974.5	76.8	342.3	350.8
3010.0	9.8	69.0	2984.4	77.4	343.8	352.4
3020.0	9.8	69.0	2994.2	78.0	345.4	354.1
3030.0	9.8	68.7	3004.1	78.6	347.0	355.8
3040.0	9.6	67.0	3013.9	79.3	348.5	357.4
3050.0	9.7	66.5	3023.8	79.9	350.1	359.1
3060.0	9.6	69.0	3033.6	80.5	351.6	360.7
3070.0	9.6	71.0	3043.5	81.1	353.2	362.4
3080.0	9.6	71.0	3053.4	81.6	354.8	364.1
3090.0	9.6	70.3	3063.2	82.2	356.4	365.7
3100.0	9.6	72.0	3073.1	82.7	358.0	367.4
3110.0	9.7	71.0	3082.9	83.2	359.6	369.1
3120.0	9.7	71.0	3092.8	83.8	361.1	370.7
3130.0	9.7	71.0	3102.7	84.3	362.7	372.4
3140.0	9.7	71.0	3112.5	84.9	364.3	374.1
3150.0	10.0	72.8	3122.4	85.4	366.0	375.8
3160.0	9.9	72.0	3132.2	85.9	367.6	377.5
3170.0	9.7	69.2	3142.1	86.5	369.2	379.2
3180.0	9.6	70.0	3151.9	87.1	370.8	380.8
3190.0	9.7	67.5	3161.8	87.7	372.3	382.5
3200.0	9.8	65.0	3171.6	88.5	373.9	384.2
3210.0	9.8	63.3	3181.5	89.2	375.4	385.8
3220.0	9.7	65.0	3191.4	89.9	376.9	387.5
3230.0	9.7	67.0	3201.2	90.6	378.5	389.1
3240.0	9.7	62.0	3211.1	91.4	379.9	390.8
3250.0	9.6	65.2	3220.9	92.1	381.5	392.4
3260.0	9.5	66.0	3230.8	92.7	383.0	394.0
3270.0	9.5	64.3	3240.7	93.5	384.4	395.6

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
3280.0	9.5	66.0	3250.5	94.1	386.0	397.3
3290.0	9.4	67.2	3260.4	94.8	387.5	398.9
3300.0	9.3	68.0	3270.3	95.4	389.0	400.5
3310.0	9.5	67.0	3280.1	96.0	390.5	402.1
3320.0	9.4	67.0	3290.0	96.7	392.0	403.7
3330.0	9.3	63.3	3299.9	97.4	393.4	405.3
3340.0	9.3	65.0	3309.7	98.1	394.9	406.9
3350.0	9.4	65.0	3319.6	98.8	396.4	408.5
3360.0	9.2	60.0	3329.5	99.5	397.7	410.0
3370.0	9.2	62.5	3339.3	100.3	399.2	411.6
3380.0	9.3	60.0	3349.2	101.1	400.6	413.1
3390.0	9.2	61.2	3359.1	101.9	402.0	414.7
3400.0	9.2	62.0	3368.9	102.6	403.4	416.2
3410.0	9.1	59.5	3378.8	103.4	404.7	417.7
3420.0	9.2	57.0	3388.7	104.3	406.1	419.3
3430.0	9.1	57.5	3398.6	105.1	407.4	420.8
3440.0	9.2	65.0	3408.4	105.8	408.9	422.3
3450.0	9.1	64.5	3418.3	106.5	410.3	423.9
3460.0	9.1	62.0	3428.2	107.2	411.7	425.4
3470.0	9.2	63.5	3438.1	108.0	413.1	427.0
3480.0	9.2	66.0	3447.9	108.6	414.6	428.6
3490.0	9.2	66.5	3457.8	109.2	416.0	430.1
3500.0	9.2	69.0	3467.7	109.8	417.5	431.7
3510.0	9.2	69.8	3477.5	110.4	419.0	433.3
3520.0	9.3	69.0	3487.4	110.9	420.6	434.9
3530.0	9.2	70.3	3497.3	111.5	422.1	436.5
3540.0	9.3	72.0	3507.1	112.0	423.6	438.1
3550.0	9.3	70.3	3517.0	112.5	425.1	439.8
3560.0	9.3	72.0	3526.9	113.0	426.7	441.4
3570.0	9.3	71.8	3536.7	113.5	428.2	443.0
3580.0	9.3	71.0	3546.6	114.1	429.7	444.6
3590.0	9.3	71.8	3556.5	114.6	431.3	446.2
3600.0	9.2	71.0	3566.4	115.1	432.8	447.8
3610.0	9.2	71.0	3576.2	115.6	434.3	449.4
3620.0	9.2	71.0	3586.1	116.1	435.8	451.0
3630.0	9.2	71.0	3596.0	116.6	437.3	452.6
3640.0	9.2	71.0	3605.8	117.2	438.8	454.2
3650.0	9.2	72.2	3615.7	117.6	440.3	455.8
3660.0	9.2	73.0	3625.6	118.1	441.9	457.4
3670.0	9.0	71.5	3635.5	118.6	443.3	458.9
3680.0	9.0	74.0	3645.3	119.0	444.8	460.5
3690.0	8.8	75.2	3655.2	119.4	446.3	462.0
3700.0	8.8	76.0	3665.1	119.8	447.8	463.6
3710.0	8.7	74.5	3675.0	120.2	449.3	465.1
3720.0	8.7	77.0	3684.9	120.5	450.7	466.6
3730.0	8.7	78.8	3694.8	120.8	452.2	468.1

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
3740.0	8.6	78.0	3704.6	121.1	453.7	469.6
3750.0	8.6	76.0	3714.5	121.5	455.1	471.1
3760.0	8.7	76.0	3724.4	121.9	456.6	472.6
3770.0	8.6	76.3	3734.3	122.2	458.1	474.1
3780.0	8.6	73.0	3744.2	122.7	459.5	475.6
3790.0	8.6	72.0	3754.1	123.1	460.9	477.1
3800.0	8.5	72.0	3764.0	123.6	462.3	478.5
3810.0	8.5	70.8	3773.9	124.1	463.7	480.0
3820.0	8.6	70.0	3783.8	124.6	465.1	481.5
3830.0	8.6	70.3	3793.6	125.1	466.5	483.0
3840.0	8.5	72.0	3803.5	125.5	467.9	484.5
3850.0	8.4	71.2	3813.4	126.0	469.3	485.9
3860.0	8.3	72.0	3823.3	126.5	470.7	487.4
3870.0	8.3	72.3	3833.2	126.9	472.1	488.8
3880.0	8.2	69.0	3843.1	127.4	473.4	490.2
3890.0	8.3	69.0	3853.0	127.9	474.7	491.7
3900.0	8.2	69.0	3862.9	128.4	476.1	493.1
3910.0	8.2	68.0	3872.8	129.0	477.4	494.5
3920.0	8.2	68.0	3882.7	129.5	478.7	495.9
3930.0	8.2	68.2	3892.6	130.0	480.0	497.3
3940.0	8.1	69.0	3902.5	130.5	481.3	498.7
3950.0	8.1	68.0	3912.4	131.1	482.6	500.1
3960.0	8.1	68.0	3922.3	131.6	484.0	501.5
3970.0	8.1	65.7	3932.2	132.2	485.2	502.9
3980.0	8.1	64.0	3942.1	132.8	486.5	504.3
3990.0	8.2	64.5	3952.0	133.4	487.8	505.7
4000.0	8.1	67.0	3961.9	134.0	489.1	507.1
4010.0	8.1	68.3	3971.8	134.5	490.4	508.5
4020.0	8.1	70.0	3981.7	135.0	491.7	509.9
4030.0	8.2	72.3	3991.6	135.4	493.1	511.3
4040.0	8.2	74.0	4001.5	135.8	494.5	512.8
4050.0	8.2	74.3	4011.4	136.2	495.8	514.2
4060.0	8.3	76.0	4021.3	136.5	497.2	515.6
4070.0	8.3	75.8	4031.2	136.9	498.6	517.1
4080.0	8.4	75.0	4041.1	137.2	500.0	518.5
4090.0	8.3	74.2	4051.0	137.6	501.4	520.0
4100.0	8.4	75.0	4060.9	138.0	502.8	521.4
4110.0	8.4	75.7	4070.8	138.4	504.3	522.9
4120.0	8.4	74.0	4080.6	138.8	505.7	524.4
4130.0	8.4	72.8	4090.5	139.2	507.1	525.8
4140.0	8.4	72.0	4100.4	139.7	508.5	527.3
4150.0	8.4	72.8	4110.3	140.1	509.8	528.7
4160.0	8.4	72.0	4120.2	140.6	511.2	530.2
4170.0	8.4	71.8	4130.1	141.0	512.6	531.7
4180.0	8.4	71.0	4140.0	141.5	514.0	533.1
4190.0	8.4	71.2	4149.9	142.0	515.4	534.6

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	+ EAST - WEST	COURSE LENGTH FEET
4200.0	8.4	72.0	4159.8	142.4	516.8	536.0
4210.0	8.4	71.8	4169.7	142.9	518.2	537.5
4220.0	8.5	71.0	4179.6	143.3	519.6	539.0
4230.0	8.5	71.0	4189.5	143.8	521.0	540.4
4240.0	8.4	71.0	4199.4	144.3	522.3	541.9
4250.0	8.4	70.3	4209.2	144.8	523.7	543.4
4260.0	8.4	72.0	4219.1	145.2	525.1	544.8
4270.0	8.4	73.0	4229.0	145.7	526.5	546.3
4280.0	8.4	73.0	4238.9	146.1	527.9	547.7
4290.0	8.4	71.7	4248.8	146.6	529.3	549.2
4300.0	8.4	70.0	4258.7	147.1	530.7	550.7
4310.0	8.5	71.3	4268.6	147.5	532.1	552.1
4320.0	8.6	73.0	4278.5	148.0	533.5	553.6
4330.0	8.5	73.8	4288.4	148.4	534.9	555.1
4340.0	8.6	73.0	4298.3	148.8	536.3	556.6
4350.0	8.5	71.8	4308.2	149.3	537.8	558.1
4360.0	8.6	71.0	4318.0	149.8	539.2	559.6
4370.0	8.7	358.0	4327.9	150.2	538.9	559.4
4380.0	8.6	324.6	4337.8	150.6	538.5	559.2
4390.0	8.5	66.0	4347.7	151.2	539.9	560.6
4400.0	8.5	62.0	4357.6	151.9	541.2	562.1
4410.0	8.6	67.0	4367.5	152.5	542.6	563.6
4420.0	8.7	65.0	4377.4	153.1	543.9	565.1
4430.0	8.7	65.0	4387.3	153.8	545.3	566.6
4440.0	8.7	70.3	4397.1	154.3	546.7	568.1
4450.0	8.6	72.0	4407.0	154.8	548.1	569.6
4460.0	8.7	70.3	4416.9	155.3	549.6	571.1
4470.0	8.8	67.0	4426.8	155.9	551.0	572.6
4480.0	8.9	70.5	4436.7	156.4	552.4	574.1
4490.0	9.1	68.0	4446.5	157.0	553.9	575.7
4500.0	9.1	66.3	4456.4	157.6	555.4	577.3
4510.0	9.2	68.0	4466.3	158.2	556.8	578.9
4520.0	9.1	68.2	4476.2	158.8	558.3	580.5
4530.0	9.2	69.0	4486.0	159.4	559.8	582.0
4540.0	9.1	69.2	4495.9	159.9	561.3	583.6
4550.0	9.2	70.0	4505.8	160.5	562.8	585.2
4560.0	9.1	70.3	4515.7	161.0	564.3	586.8
4570.0	9.2	72.0	4525.5	161.5	565.8	588.4
4580.0	9.3	70.8	4535.4	162.0	567.3	590.0
4590.0	9.3	70.0	4545.3	162.6	568.8	591.6
4600.0	9.3	72.2	4555.1	163.1	570.4	593.2
4610.0	9.5	73.0	4565.0	163.6	572.0	594.9
4620.0	9.7	71.2	4574.8	164.1	573.6	596.6
4630.0	9.9	72.0	4584.7	164.6	575.2	598.3
4640.0	9.9	73.2	4594.5	165.1	576.9	600.0
4650.0	10.0	74.0	4604.4	165.6	578.5	601.8

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FEET
4660.0	10.1	74.8	4614.2	166.1	580.2	603.5
4670.0	10.1	74.0	4624.1	166.6	581.9	605.3
4680.0	10.3	73.0	4633.9	167.1	583.6	607.1
4690.0	10.4	73.0	4643.8	167.6	585.3	608.9
4700.0	10.5	72.0	4653.6	168.2	587.1	610.7
4710.0	10.6	72.0	4663.4	168.8	588.8	612.5
4720.0	10.7	73.2	4673.2	169.3	590.6	614.4
4730.0	10.8	74.0	4683.1	169.8	592.4	616.3
4740.0	10.8	73.2	4692.9	170.3	594.2	618.1
4750.0	10.8	74.0	4702.7	170.9	596.0	620.0
4760.0	11.0	74.5	4712.5	171.4	597.8	621.9
4770.0	11.0	72.0	4722.3	172.0	599.7	623.8
4780.0	11.1	72.0	4732.2	172.6	601.5	625.8
4790.0	11.2	72.0	4742.0	173.2	603.3	627.7
4800.0	11.2	71.2	4751.8	173.8	605.2	629.6
4810.0	11.2	72.0	4761.6	174.4	607.0	631.6
4820.0	11.2	73.0	4771.4	175.0	608.9	633.5
4830.0	11.2	73.0	4781.2	175.5	610.7	635.5
4840.0	11.1	73.2	4791.0	176.1	612.6	637.4
4850.0	11.2	74.0	4800.8	176.6	614.4	639.3
4860.0	11.0	73.8	4810.6	177.1	616.3	641.2
4870.0	10.9	73.0	4820.5	177.7	618.1	643.1
4880.0	10.9	75.7	4830.3	178.2	619.9	645.0
4890.0	10.9	74.0	4840.1	178.7	621.7	646.9
4900.0	10.8	74.8	4849.9	179.2	623.5	648.8
4910.0	10.7	74.0	4859.8	179.7	625.3	650.6
4920.0	10.8	74.8	4869.6	180.2	627.1	652.5
4930.0	10.8	74.0	4879.4	180.7	628.9	654.4
4940.0	10.8	73.8	4889.2	181.2	630.7	656.3
4950.0	10.8	73.0	4899.0	181.8	632.5	658.1
4960.0	10.8	72.2	4908.9	182.3	634.3	660.0
4970.0	10.9	73.0	4918.7	182.9	636.1	661.9
4980.0	10.8	74.0	4928.5	183.4	637.9	663.8
4990.0	10.9	74.0	4938.3	183.9	639.7	665.7
5000.0	10.9	74.5	4948.2	184.4	641.6	667.6
5010.0	10.9	77.0	4958.0	184.9	643.4	669.4
5020.0	11.0	75.3	4967.8	185.3	645.3	671.3
5030.0	10.9	77.0	4977.6	185.8	647.1	673.2
5040.0	11.0	74.2	4987.4	186.3	648.9	675.1
5050.0	11.1	75.0	4997.2	186.8	650.8	677.1
5060.0	11.1	74.3	5007.0	187.3	652.6	679.0
5070.0	11.1	76.0	5016.9	187.8	654.5	680.9
5080.0	11.1	74.8	5026.7	188.3	656.4	682.8
5090.0	11.2	74.0	5036.5	188.8	658.2	684.8
5100.0	11.3	75.0	5046.3	189.3	660.1	686.7
5110.0	11.3	75.0	5056.1	189.8	662.0	688.7

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DEPTH FEET	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FEET	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FEET
5120.0	11.3	75.0	5065.9	190.3	663.9	690.7
5130.0	11.3	75.0	5075.7	190.8	665.8	692.6
5140.0	11.4	74.5	5085.5	191.4	667.7	694.6
5150.0	11.5	77.0	5095.3	191.8	669.7	696.6
5160.0	11.5	77.8	5105.1	192.2	671.6	698.6
5170.0	11.5	77.0	5114.9	192.7	673.6	700.6
5180.0	11.6	77.2	5124.7	193.1	675.5	702.6
5190.0	11.7	78.0	5134.5	193.6	677.5	704.6
5200.0	11.7	77.7	5144.3	194.0	679.5	706.6
5210.0	11.9	81.0	5154.1	194.3	681.5	708.7
5220.0	12.1	78.0	5163.8	194.7	683.6	710.8
5230.0	12.1	78.0	5173.6	195.2	685.6	712.9
5240.0	12.1	77.2	5183.4	195.6	687.7	715.0
5250.0	12.1	78.0	5193.2	196.1	689.7	717.1
5260.0	12.2	77.0	5203.0	196.6	691.8	719.2
5270.0	12.1	77.0	5212.7	197.0	693.8	721.3
5280.0	12.2	77.0	5222.5	197.5	695.9	723.4
5290.0	12.0	77.0	5232.3	198.0	697.9	725.4
5300.0	12.0	78.0	5242.1	198.4	699.9	727.5
5310.0	12.0	78.0	5251.9	198.8	702.0	729.6
5320.0	12.0	76.8	5261.6	199.3	704.0	731.7
5330.0	12.0	76.0	5271.4	199.8	706.0	733.7
5340.0	12.0	77.3	5281.2	200.3	708.0	735.8
5350.0	11.9	79.0	5291.0	200.7	710.1	737.9
5360.0	11.9	80.8	5300.8	201.0	712.1	739.9
5370.0	12.0	80.0	5310.6	201.3	714.1	742.0
5380.0	12.0	79.8	5320.3	201.7	716.2	744.1
5390.0	12.0	84.0	5330.1	201.9	718.3	746.1
5400.0	12.0	83.8	5339.9	202.1	720.3	748.2
5410.0	12.1	83.0	5349.7	202.4	722.4	750.2
5420.0	12.1	81.3	5359.5	202.7	724.5	752.3
5430.0	12.1	83.0	5369.2	203.0	726.6	754.4
5440.0	12.2	82.0	5379.0	203.3	728.6	756.5
5450.0	12.1	77.0	5388.8	203.7	730.7	758.6
5460.0	12.1	77.0	5398.6	204.2	732.7	760.7
5467.0	12.1	77.0	5405.4	204.5	734.2	762.1

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*                        BOTTOM HOLE LOCATION                               *
*                                                                           *
*                        COURSE LENGTH:          762.1  FEET                *
*                                                                           *
*                        COURSE AZIMUTH:          74.4  DEGREES             *
*                                                                           *
*                                                                           *
*                        MEASURED DEPTH:        5467.0  FEET                *
*                                                                           *
*                        TRUE VERTICAL DEPTH:   5405.4  FEET                *
*                                                                           *
*                        DISTANCE NORTH:         204.5  FEET                *
*                                                                           *
*                        DISTANCE EAST:          734.2  FEET                *
*                                                                           *
*                                                                           *
*                        TANGENTIAL METHOD                                  *
*                                                                           *
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GREAT BASIN PETROLEUM WEST ASHLEY G-21 PAGE 1 FILE 3

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
5296.0			12.1	89	8.2	7.6	
5300.0			12.1	90	8.2	7.6	
5304.0			12.1	90	8.2	7.6	
5308.0	36.0	257	12.2	90	8.2	7.6	1
5312.0	31.3	249	12.3	90	8.1	7.5	3
5316.0			12.2	89	8.2	7.5	
5320.0	15.4	267	12.1	90	8.2	7.5	4
5324.0	15.3	267	12.1	91	8.2	7.4	4
5328.0	16.8	269	12.2	91	8.1	7.4	4
5332.0	16.1	266	12.2	92	8.0	7.5	2
5336.0	21.5	267	12.1	93	8.0	7.4	1
5340.0	20.2	258	12.1	92	8.0	7.4	1
5344.0	19.7	268	12.2	93	8.1	7.3	3
5348.0	20.3	274	12.2	93	8.1	7.4	3
5352.0			12.2	93	8.1	7.4	
5356.0	15.7	284	12.2	93	8.0	7.2	3
5360.0	19.3	266	12.2	93	8.0	7.2	3
5364.0			12.2	93	7.9	7.2	
5368.0	29.7	242	12.1	93	8.0	7.2	3
5372.0	33.1	251	12.1	92	7.9	7.1	3
5376.0	40.3	258	12.2	92	7.8	7.0	1
5380.0	32.9	275	12.1	93	7.8	7.1	3
5384.0	32.5	265	12.2	94	7.8	7.1	3
5388.0	32.7	263	12.2	94	7.8	7.0	3
5392.0	30.6	262	12.2	94	7.8	7.0	1
5396.0	24.3	265	12.2	93	7.8	7.0	1
5400.0			12.2	93	7.8	7.1	
5404.0			12.2	94	7.8	7.2	
5408.0	27.3	249	12.1	94	7.8	7.0	1
5412.0			12.3	94	7.8	7.0	
5416.0	34.4	252	12.3	92	7.9	7.1	4
5420.0	33.6	254	12.2	91	7.9	7.1	4
5424.0	36.4	253	12.3	92	7.8	7.1	4
5428.0	36.2	254	12.3	92	7.8	7.1	4
5432.0	33.4	254	12.3	92	7.9	7.2	4
5436.0	21.5	280	12.3	91	7.9	7.2	4
5440.0	21.8	298	12.3	92	7.6	7.0	4
5444.0	80.3	238	12.4	91	7.6	7.1	3
5448.0	81.2	236	12.5	90	7.8	7.4	1

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GREAT BASIN PETROLEUM WEST ASHLEY G-21 PAGE 1 FILE 2

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
2406.0			9.1	75	8.1	11.4	
2410.0			9.2	75	11.1	12.4	
2414.0			9.1	79	12.9	14.3	
2418.0			9.1	79	14.3	16.1	
2422.0	21.5	253	9.0	79	13.0	15.2	3
2426.0	72.0	330	8.9	79	8.9	11.1	3
2430.0			8.9	77	8.3	8.4	
2434.0	13.9	269	9.1	75	8.4	8.4	1
2438.0	16.8	279	9.1	76	8.2	7.9	3
2442.0	15.1	284	9.1	78	8.0	7.6	3
2446.0			9.0	78	8.1	8.1	
2450.0			9.1	78	8.0	8.1	
2454.0	10.7	277	9.1	79	8.0	8.0	3
2458.0	11.1	255	9.0	78	8.1	8.0	3
2462.0	20.4	259	8.9	75	8.1	8.1	1
2466.0	16.4	268	8.9	71	7.9	8.1	3

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
5274.0	21.8	253	12.1	77	7.5	6.6	1
5278.0			12.2	77	7.5	6.7	
5282.0			12.1	79	7.6	6.7	
5286.0	13.8	244	12.1	78	7.6	6.7	1
5290.0	15.4	269	12.0	77	7.6	6.6	3
5294.0	15.9	249	12.0	77	7.8	6.6	1
5298.0			12.0	78	8.0	6.6	
5302.0			12.0	78	8.1	6.4	
5306.0			11.9	77	8.2	6.2	
5310.0			12.0	78	8.2	6.2	
5314.0	13.3	261	12.0	78	8.2	6.2	1
5318.0	16.9	257	12.0	77	8.2	6.1	3
5322.0	15.0	254	12.0	77	8.1	6.1	3
5326.0	15.5	253	12.0	77	8.2	6.2	3
5330.0	16.3	253	12.0	76	8.2	6.1	3
5334.0	20.1	240	12.0	76	8.1	5.9	1
5338.0	21.8	237	12.0	77	8.1	5.8	3
5342.0			12.0	77	8.1	5.8	
5346.0	19.2	248	11.9	77	8.1	5.8	4
5350.0	18.9	254	11.9	79	8.1	5.8	4
5354.0	18.5	261	11.9	81	8.0	5.7	4
5358.0	15.7	253	11.9	81	8.0	5.7	4
5362.0			12.0	81	7.9	5.6	
5366.0			12.0	81	7.9	5.6	
5370.0			12.0	80	7.8	5.6	
5374.0			12.0	78	7.8	5.6	
5378.0			12.0	79	7.8	5.5	
5382.0			11.9	81	7.8	5.5	
5386.0			12.0	83	7.8	5.5	
5390.0			12.0	84	7.8	5.5	
5394.0			12.0	84	7.8	5.6	
5398.0			12.0	84	7.8	5.5	
5402.0			12.0	85	7.8	5.5	
5406.0			12.0	85	7.7	5.5	
5410.0			12.1	83	7.7	5.5	
5414.0	27.7	253	12.1	81	7.7	5.7	1
5418.0	38.2	242	12.1	81	7.7	5.8	1
5422.0	38.1	247	12.1	82	7.7	5.7	1
5426.0	35.9	247	12.1	83	7.7	5.7	3
5430.0	37.0	248	12.1	83	7.7	5.6	3
5434.0	33.5	252	12.1	83	7.7	5.7	3
5438.0	21.2	283	12.2	83	7.8	5.8	3
5442.0	21.6	281	12.2	80	7.8	6.8	3
5446.0	35.1	251	12.1	76	7.8	7.7	3
5450.0	34.6	246	12.1	77	7.7	7.7	1

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
5094.0	14.5	259	11.2	75	8.4	8.1	4
5098.0	15.1	260	11.3	75	8.5	8.1	4
5102.0	15.2	261	11.3	74	8.5	8.1	4
5106.0	14.6	260	11.3	74	8.5	8.1	4
5110.0	14.4	260	11.3	75	8.5	8.3	4
5114.0	14.9	260	11.3	75	8.5	8.4	4
5118.0	15.7	260	11.3	75	8.5	8.2	4
5122.0	15.5	259	11.3	75	8.5	8.1	4
5126.0	15.1	259	11.3	75	8.5	8.2	4
5130.0	14.9	260	11.3	75	8.6	8.1	4
5134.0	14.9	259	11.3	75	8.6	8.0	4
5138.0	15.0	260	11.4	74	8.6	8.1	4
5142.0	15.0	260	11.4	74	8.5	8.1	4
5146.0	15.5	260	11.4	76	8.5	8.1	4
5150.0	15.6	261	11.5	77	8.5	8.2	4
5154.0	15.6	260	11.5	77	8.6	8.3	4
5158.0	15.9	264	11.5	78	8.6	8.2	4
5162.0	15.5	263	11.5	77	8.5	8.3	4
5166.0	15.3	264	11.5	77	8.6	8.3	4
5170.0	15.9	262	11.5	77	8.6	8.2	4
5174.0	14.7	258	11.6	76	8.6	8.1	4
5178.0	15.5	259	11.6	77	8.6	8.1	4
5182.0	16.3	257	11.6	76	8.6	8.0	4
5186.0	15.5	264	11.7	77	8.5	8.1	4
5190.0	15.4	265	11.7	78	8.5	8.1	4
5194.0	15.6	259	11.7	78	8.5	8.1	4
5198.0	15.5	257	11.7	77	8.4	8.1	4
5202.0	15.3	261	11.7	78	8.3	8.1	4
5206.0	16.4	262	11.8	80	8.2	8.1	4
5210.0	16.9	263	11.9	81	8.2	8.2	4
5214.0	19.8	272	12.0	80	7.9	7.7	2
5218.0	13.5	263	12.1	78	7.5	6.9	4
5222.0	15.3	249	12.1	77	7.5	6.7	4
5226.0	16.0	242	12.1	77	7.5	6.6	4
5230.0	16.1	265	12.1	78	7.5	6.5	4
5234.0	16.1	263	12.1	77	7.4	6.5	4
5238.0	16.4	262	12.1	77	7.4	6.6	4
5242.0	15.7	260	12.2	77	7.4	6.6	4
5246.0	16.0	259	12.1	78	7.4	6.6	4
5250.0	14.1	263	12.1	78	7.4	6.7	4
5254.0	16.2	272	12.2	77	7.5	6.7	4
5258.0	15.9	271	12.2	77	7.5	6.6	4
5262.0	16.6	271	12.2	78	7.4	6.7	4
5266.0	15.1	263	12.2	77	7.4	6.6	3
5270.0	14.0	257	12.1	77	7.4	6.6	3

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
4914.0	15.4	268	10.8	75	8.9	8.4	4
4918.0	15.0	269	10.8	75	8.9	8.3	4
4922.0	14.1	268	10.8	74	8.6	8.4	4
4926.0	14.6	272	10.8	74	8.5	8.3	4
4930.0	14.1	264	10.8	74	8.5	8.2	4
4934.0	14.1	265	10.8	74	8.6	8.1	4
4938.0	14.6	265	10.8	74	8.6	8.1	4
4942.0	14.7	263	10.8	74	8.6	8.1	4
4946.0	15.2	261	10.8	73	8.6	8.1	4
4950.0	16.3	261	10.8	73	8.6	8.1	4
4954.0	15.1	262	10.8	73	8.6	8.1	4
4958.0	14.4	261	10.8	72	8.6	8.1	4
4962.0	16.0	262	10.9	73	8.6	8.1	4
4966.0	16.0	260	10.8	73	8.6	8.0	4
4970.0	15.2	259	10.9	73	8.6	8.1	4
4974.0	15.1	261	10.9	73	8.6	8.2	4
4978.0	13.7	277	10.8	74	8.6	8.1	4
4982.0	14.3	267	10.8	74	8.6	8.1	4
4986.0	14.6	261	10.9	74	8.6	8.2	4
4990.0	14.5	261	10.9	74	8.5	8.1	4
4994.0	14.1	262	10.9	74	8.5	8.1	4
4998.0	15.2	260	10.9	74	8.5	8.2	4
5002.0	15.1	260	10.9	74	8.5	8.2	4
5006.0	14.9	261	10.9	76	8.5	8.2	4
5010.0	14.8	262	10.9	77	8.5	8.2	4
5014.0	14.0	266	10.9	76	8.5	8.2	4
5018.0	13.9	265	11.0	75	8.6	8.2	4
5022.0	14.6	261	11.0	75	8.6	8.2	4
5026.0	14.9	262	10.9	77	8.6	8.1	4
5030.0	15.7	262	10.9	77	8.5	8.2	4
5034.0	15.6	260	11.0	74	8.5	8.2	4
5038.0	15.7	259	11.0	74	8.5	8.1	4
5042.0	15.7	257	11.1	75	8.6	8.2	4
5046.0	15.5	258	11.1	75	8.5	8.3	4
5050.0	15.5	260	11.1	75	8.5	8.3	4
5054.0	15.7	259	11.1	74	8.6	8.3	4
5058.0	15.8	261	11.1	74	8.5	8.3	4
5062.0	15.5	263	11.1	74	8.5	8.2	4
5066.0	16.0	264	11.1	75	8.4	8.1	4
5070.0	16.3	260	11.1	76	8.4	8.1	4
5074.0	16.1	260	11.1	75	8.4	8.0	4
5078.0	16.1	259	11.1	75	8.5	8.0	4
5082.0	16.1	260	11.1	76	8.5	8.1	4
5086.0	15.9	258	11.2	74	8.5	8.3	4
5090.0	15.4	259	11.2	74	8.5	8.3	4

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
4734.0	17.0	257	10.8	73	11.0	10.5	4
4738.0	15.6	271	10.8	73	11.0	10.6	4
4742.0	15.7	272	10.8	73	11.1	10.7	4
4746.0	15.1	263	10.9	74	11.1	10.8	4
4750.0	15.0	262	10.8	74	11.1	10.7	4
4754.0	15.4	269	10.9	75	11.1	10.7	4
4758.0	16.0	274	11.0	75	11.1	10.6	4
4762.0	16.3	269	11.0	74	11.1	10.5	2
4766.0	18.6	266	11.0	73	11.2	10.5	4
4770.0	18.1	263	11.0	72	11.2	10.4	4
4774.0	15.3	260	11.0	72	11.2	10.5	4
4778.0	15.5	263	11.1	72	11.1	10.6	4
4782.0	14.9	264	11.1	72	11.1	10.6	4
4786.0	13.7	264	11.1	72	11.1	10.7	4
4790.0	17.0	259	11.2	72	11.1	10.7	4
4794.0	15.8	261	11.2	71	11.1	10.8	4
4798.0	15.5	263	11.2	71	11.1	10.7	4
4802.0	12.9	253	11.2	71	11.1	10.6	4
4806.0	12.2	258	11.2	70	11.1	10.6	4
4810.0	16.4	268	11.2	72	11.2	10.9	4
4814.0	17.0	266	11.2	73	11.3	10.9	4
4818.0	16.0	264	11.2	73	11.0	10.3	4
4822.0	16.0	264	11.3	73	10.8	10.0	4
4826.0	16.4	261	11.3	73	10.9	10.0	4
4830.0	22.3	241	11.2	73	10.7	9.9	2
4834.0	15.3	260	11.1	73	10.6	9.7	4
4838.0	15.4	259	11.1	73	10.5	9.5	4
4842.0	15.0	269	11.2	73	10.4	9.6	4
4846.0	15.1	268	11.2	74	10.3	9.6	4
4850.0	15.2	267	11.2	74	10.2	9.5	4
4854.0	15.6	266	11.1	74	10.0	9.3	4
4858.0	15.1	266	11.0	74	9.8	9.0	4
4862.0	14.9	265	11.0	74	9.7	8.9	4
4866.0	14.4	263	10.9	74	9.5	8.8	4
4870.0	14.6	262	10.9	73	9.4	8.8	4
4874.0	15.1	264	10.9	74	9.4	8.8	4
4878.0	15.0	266	10.9	76	9.2	8.7	4
4882.0	14.9	267	10.8	76	9.2	8.6	4
4886.0	15.1	263	10.8	75	9.2	8.7	4
4890.0	15.1	265	10.9	74	9.2	8.7	4
4894.0	15.7	264	10.8	73	9.2	8.6	4
4898.0	15.6	265	10.8	75	9.2	8.5	4
4902.0	15.6	268	10.8	75	9.2	8.4	4
4906.0	15.5	267	10.7	75	9.0	8.5	4
4910.0	15.3	263	10.7	74	8.9	8.6	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
4554.0			9.1	70	10.7	10.5	
4558.0			9.1	70	10.6	10.4	
4562.0			9.2	71	10.5	10.3	
4566.0			9.2	72	10.5	10.1	
4570.0			9.2	72	10.2	9.7	
4574.0			9.2	71	10.1	9.5	
4578.0	14.8	263	9.3	71	10.4	9.9	3
4582.0	16.3	278	9.3	71	10.8	10.3	3
4586.0	16.2	277	9.3	70	10.9	10.3	3
4590.0	12.9	267	9.3	70	10.8	10.2	4
4594.0	15.1	268	9.3	70	10.8	10.1	4
4598.0	14.8	277	9.3	72	10.7	10.1	4
4602.0	14.0	274	9.4	72	10.6	10.1	4
4606.0	14.7	269	9.5	73	10.5	10.0	4
4610.0	17.3	261	9.5	73	10.4	10.1	4
4614.0	16.8	263	9.6	72	10.4	10.1	4
4618.0	16.1	264	9.7	71	10.4	10.2	4
4622.0	15.4	278	9.7	71	10.4	10.4	4
4626.0	15.4	283	9.8	72	10.4	10.5	4
4630.0	14.0	258	9.9	72	10.5	10.6	4
4634.0	13.2	269	9.9	73	10.5	10.6	4
4638.0	14.1	271	9.9	73	10.5	10.5	4
4642.0	13.4	281	9.9	73	10.4	10.5	4
4646.0			10.0	73	10.4	10.4	
4650.0	22.4	294	10.0	74	10.4	10.3	2
4654.0	15.5	278	10.1	75	10.4	10.2	4
4658.0	15.5	270	10.1	75	10.3	10.1	4
4662.0	15.7	269	10.1	76	10.3	9.8	4
4666.0	14.9	265	10.1	75	10.3	9.6	4
4670.0	13.9	282	10.1	74	10.3	9.6	4
4674.0	14.4	266	10.2	73	10.3	9.8	4
4678.0	14.7	264	10.3	73	10.3	9.9	4
4682.0	14.6	252	10.3	71	10.3	10.1	4
4686.0	14.7	253	10.3	71	10.3	10.2	4
4690.0	19.4	264	10.4	73	10.4	10.1	4
4694.0	19.4	265	10.5	73	10.5	10.1	4
4698.0	17.4	258	10.5	72	10.5	10.1	4
4702.0	17.5	259	10.5	73	10.5	10.1	4
4706.0	16.4	264	10.6	73	10.5	10.0	4
4710.0	16.6	261	10.6	72	10.4	10.0	4
4714.0	17.5	258	10.6	72	10.5	9.9	4
4718.0	17.0	263	10.7	73	10.6	9.9	4
4722.0	17.7	268	10.7	73	10.7	9.9	4
4726.0	21.1	265	10.7	73	10.8	10.0	4
4730.0	17.4	254	10.8	74	10.9	10.3	4

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
4368.0	16.3	267	8.6	72	9.6	9.1	4
4372.0	15.0	313	8.7	133	11.0	10.6	4
4376.0	11.0	81	8.7	284	15.1	15.0	4
4386.0	14.9	261	8.5	67	9.2	8.9	4
4390.0	15.9	263	8.5	66	9.2	8.8	4
4394.0	15.0	265	8.5	65	9.3	9.0	4
4398.0	15.9	263	8.5	61	9.4	9.4	4
4402.0	8.7	241	8.5	59	10.2	10.2	3
4406.0	8.5	244	8.5	64	11.2	11.1	3
4410.0			8.6	67	12.2	11.4	
4414.0			8.6	65	13.3	11.6	
4418.0			8.7	65	13.6	12.4	
4422.0			8.7	65	12.6	12.1	
4426.0			8.7	64	11.4	10.7	
4430.0			8.7	65	12.2	10.6	
4434.0			8.7	68	12.1	10.7	
4438.0			8.7	70	9.5	9.5	
4442.0			8.6	70	8.5	8.8	
4446.0			8.7	71	8.5	8.9	
4450.0			8.6	72	9.2	9.1	
4454.0			8.6	72	9.2	9.3	
4458.0			8.7	71	10.4	10.5	
4462.0			8.7	69	12.7	12.1	
4466.0			8.8	68	15.3	13.8	
4470.0			8.8	67	16.2	13.8	
4474.0			8.8	70	14.4	12.5	
4478.0	17.4	266	8.9	71	13.2	11.6	1
4482.0	14.7	262	9.0	70	13.0	11.2	1
4486.0			9.1	69	12.6	11.5	
4490.0			9.1	68	11.5	11.8	
4494.0			9.1	64	11.0	12.0	
4498.0	15.6	256	9.1	66	10.9	12.2	3
4502.0	12.9	261	9.2	69	10.8	12.3	3
4506.0	10.6	231	9.2	68	10.6	12.3	1
4510.0			9.2	68	10.6	12.2	
4514.0			9.2	68	10.5	12.1	
4518.0			9.1	68	10.4	11.9	
4522.0			9.1	68	10.3	11.6	
4526.0			9.2	69	10.3	11.4	
4530.0			9.2	69	10.2	11.2	
4534.0	22.5	255	9.2	69	10.2	11.0	1
4538.0	21.1	253	9.1	69	10.2	10.7	3
4542.0			9.1	69	10.3	10.7	
4546.0			9.2	69	10.4	10.8	
4550.0			9.2	70	10.5	10.7	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
4188.0	17.2	258	8.4	71	8.6	8.5	4
4192.0	16.4	264	8.4	70	8.6	8.5	4
4196.0	16.3	270	8.4	71	8.8	8.6	4
4200.0	17.0	267	8.4	72	9.1	9.0	4
4204.0	15.0	273	8.4	72	9.1	9.1	4
4208.0	13.3	278	8.4	72	8.8	8.9	3
4212.0			8.4	72	8.7	8.8	
4216.0			8.4	72	8.7	8.8	
4220.0			8.5	71	8.7	8.7	
4224.0	18.5	287	8.5	71	8.4	8.5	1
4228.0	21.8	295	8.5	71	8.3	8.4	1
4232.0	15.9	277	8.4	70	8.5	8.6	1
4236.0	13.3	264	8.4	70	8.7	8.8	3
4240.0	16.3	266	8.4	71	8.9	8.9	3
4244.0	17.4	262	8.4	71	8.8	8.9	3
4248.0	15.0	264	8.4	70	8.6	8.8	4
4252.0	15.1	272	8.4	70	8.5	8.7	4
4256.0	15.8	275	8.4	72	8.3	8.5	4
4260.0	16.2	272	8.4	72	8.4	8.5	4
4264.0	17.0	269	8.4	72	8.7	8.7	4
4268.0	17.4	267	8.4	73	8.8	8.9	4
4272.0			8.5	72	9.0	9.1	
4276.0	16.7	265	8.5	72	9.1	9.2	4
4280.0	17.3	263	8.4	73	9.1	9.4	4
4284.0	19.6	267	8.4	73	9.0	9.3	4
4288.0	18.3	277	8.4	72	8.7	9.1	4
4292.0	15.5	276	8.4	72	8.7	9.2	4
4296.0	16.1	268	8.4	71	9.0	9.2	4
4300.0	17.7	266	8.4	70	9.2	9.2	4
4304.0	17.3	269	8.5	70	9.3	9.2	4
4308.0	15.7	260	8.5	71	9.3	9.3	4
4312.0	15.4	264	8.5	73	9.3	9.3	4
4316.0	15.5	267	8.6	74	9.6	9.2	4
4320.0	16.0	271	8.6	73	9.7	9.2	4
4324.0	14.6	267	8.5	74	9.5	9.2	4
4328.0	14.9	270	8.5	74	9.2	9.0	4
4332.0	15.3	273	8.5	75	9.4	9.0	4
4336.0	15.0	269	8.5	74	9.6	9.2	4
4340.0	17.4	268	8.6	73	9.6	9.2	4
4344.0	16.5	272	8.5	73	9.6	9.3	4
4348.0	15.2	268	8.5	72	9.6	9.3	4
4352.0	15.6	263	8.6	71	9.5	9.1	4
4356.0	16.4	271	8.6	69	9.5	9.1	4
4360.0	16.0	268	8.6	71	9.6	9.1	4
4364.0	16.1	268	8.6	72	9.5	9.1	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
4008.0	10.8	212	8.1	68	8.5	8.7	1
4012.0	8.1	251	8.1	68	8.4	8.7	3
4016.0	6.7	255	8.1	69	8.4	8.6	1
4020.0	13.2	240	8.1	70	8.5	8.6	1
4024.0	20.1	257	8.1	71	8.5	8.7	3
4028.0	18.6	249	8.2	72	8.5	8.6	3
4032.0	14.7	238	8.2	73	8.4	8.6	3
4036.0	16.2	266	8.2	73	8.4	8.6	3
4040.0	38.4	242	8.2	74	8.6	8.7	3
4044.0	38.3	240	8.1	74	8.7	8.9	3
4048.0	36.3	236	8.2	74	8.7	8.8	3
4052.0	37.2	240	8.2	75	8.6	8.7	4
4056.0	38.1	241	8.2	76	8.7	8.7	4
4060.0	39.3	242	8.3	76	8.8	8.8	4
4064.0	39.6	242	8.3	76	8.8	8.8	4
4068.0	39.8	241	8.3	76	8.6	8.6	4
4072.0	24.8	230	8.3	75	8.4	8.4	4
4076.0	23.2	226	8.3	75	8.6	8.4	4
4080.0	13.6	247	8.4	75	8.6	8.4	3
4084.0	13.4	253	8.3	75	8.6	8.4	3
4088.0	14.1	254	8.3	74	8.7	8.6	3
4092.0	31.6	215	8.4	73	8.8	8.8	4
4096.0	29.8	222	8.3	74	8.7	8.6	4
4100.0	22.1	255	8.4	75	8.5	8.3	3
4104.0	32.9	217	8.4	76	8.5	8.4	2
4108.0	33.0	220	8.4	76	8.6	8.6	4
4112.0	33.9	218	8.4	74	8.6	8.6	4
4116.0	32.8	217	8.4	74	8.6	8.5	4
4120.0	30.8	215	8.4	74	8.6	8.4	4
4124.0	24.4	217	8.4	74	8.6	8.5	1
4128.0	66.1	88	8.4	73	8.6	8.4	3
4132.0	23.2	229	8.4	73	8.5	8.3	1
4136.0	27.7	281	8.4	73	8.6	8.3	3
4140.0	21.3	262	8.4	72	8.6	8.5	3
4144.0	22.5	206	8.4	72	8.6	8.5	3
4148.0	20.4	203	8.4	73	8.6	8.5	4
4152.0	16.1	201	8.4	74	8.6	8.4	4
4156.0	12.1	221	8.4	73	8.6	8.4	2
4160.0	36.3	246	8.4	72	8.5	8.3	3
4164.0	37.0	243	8.4	73	8.5	8.2	3
4168.0	32.5	241	8.4	72	8.6	8.4	3
4172.0	17.2	209	8.4	71	8.6	8.5	4
4176.0	18.2	188	8.4	71	8.6	8.4	4
4180.0	17.4	186	8.4	71	8.5	8.4	4
4184.0	16.5	186	8.4	71	8.5	8.4	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
3828.0	16.7	268	8.6	70	8.9	8.3	4
3832.0	15.2	280	8.6	71	8.8	8.3	4
3836.0	15.5	276	8.6	73	8.8	8.4	3
3840.0	15.5	260	8.5	72	9.1	8.4	3
3844.0	17.0	264	8.4	72	9.2	8.5	3
3848.0	25.9	262	8.4	71	9.1	8.5	3
3852.0	33.5	235	8.3	72	9.1	8.5	3
3856.0			8.3	72	9.0	8.6	
3860.0			8.3	72	8.8	8.6	
3864.0			8.2	73	8.7	8.6	
3868.0	30.6	235	8.3	73	8.7	8.6	3
3872.0	29.1	232	8.3	72	8.6	8.5	3
3876.0	29.0	207	8.2	70	8.6	8.5	4
3880.0	30.1	206	8.2	69	8.6	8.5	4
3884.0	30.3	208	8.2	69	8.7	8.6	4
3888.0	29.0	208	8.3	69	8.7	8.6	4
3892.0	26.5	211	8.2	70	8.7	8.7	2
3896.0	37.6	219	8.2	69	8.9	8.8	3
3900.0	35.5	224	8.2	69	8.8	8.7	1
3904.0	36.5	225	8.2	69	8.7	8.5	1
3908.0	39.5	223	8.2	68	8.8	8.5	3
3912.0	35.7	230	8.2	68	9.0	8.8	3
3916.0	25.5	196	8.2	68	9.1	8.7	3
3920.0	26.0	192	8.2	68	9.1	8.7	3
3924.0	28.2	199	8.2	68	8.9	8.6	3
3928.0	27.5	200	8.2	68	8.7	8.4	3
3932.0	12.4	145	8.2	68	8.5	8.3	3
3936.0	14.6	147	8.2	69	8.5	8.5	3
3940.0	19.1	159	8.1	69	8.8	8.7	3
3944.0	15.8	263	8.1	68	8.9	8.8	4
3948.0	18.7	260	8.1	68	8.7	8.6	4
3952.0	19.3	258	8.1	69	8.6	8.5	4
3956.0	16.8	250	8.1	69	8.6	8.5	4
3960.0	17.6	248	8.1	68	8.6	8.5	3
3964.0	17.3	244	8.1	67	8.7	8.5	3
3968.0	12.8	258	8.1	66	8.6	8.4	3
3972.0	12.0	260	8.2	65	8.6	8.3	1
3976.0	34.2	268	8.1	65	8.6	8.4	3
3980.0	35.2	262	8.1	64	8.7	8.6	1
3984.0			8.1	64	8.9	8.8	
3988.0			8.2	64	8.9	8.8	
3992.0	14.0	204	8.1	64	8.7	8.8	1
3996.0	13.3	254	8.1	65	8.6	8.7	1
4000.0	16.4	194	8.1	67	8.6	8.7	3
4004.0			8.1	68	8.5	8.7	

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
3648.0			9.2	72	8.9	8.8	
3652.0	20.1	254	9.2	72	8.9	8.8	3
3656.0	22.7	245	9.2	72	8.9	8.8	3
3660.0			9.2	73	8.9	8.8	
3664.0	65.6	29	9.1	72	9.0	9.0	3
3668.0	85.2	220	9.0	71	9.0	9.0	1
3672.0	85.0	218	9.0	71	8.8	9.0	1
3676.0	86.3	218	9.0	73	8.9	9.2	1
3680.0	67.1	225	9.0	74	9.0	9.3	1
3684.0	67.4	223	8.9	74	9.0	9.2	1
3688.0			8.8	75	8.8	9.1	
3692.0	83.3	219	8.8	75	8.8	9.0	1
3696.0	63.2	30	8.8	76	8.9	8.9	3
3700.0			8.8	76	8.9	8.9	
3704.0			8.8	75	8.8	8.7	
3708.0	20.1	259	8.7	74	8.9	8.8	3
3712.0	16.7	263	8.7	75	8.9	8.7	1
3716.0			8.7	76	8.7	8.6	
3720.0			8.7	77	8.8	8.5	
3724.0	33.1	224	8.7	77	8.8	8.5	1
3728.0	29.2	222	8.7	79	8.7	8.4	3
3732.0	26.0	223	8.7	79	8.8	8.5	3
3736.0	27.1	222	8.7	78	8.8	8.6	3
3740.0			8.6	78	8.8	8.6	
3744.0	14.9	195	8.6	77	8.7	8.4	1
3748.0	13.4	204	8.6	76	8.5	8.3	3
3752.0	31.6	236	8.6	75	8.6	8.3	1
3756.0			8.7	76	8.6	8.3	
3760.0			8.7	76	8.5	8.4	
3764.0			8.7	77	8.6	8.5	
3768.0			8.6	77	8.8	8.7	
3772.0			8.5	74	8.8	8.6	
3776.0			8.5	73	8.8	8.5	
3780.0			8.6	73	8.6	8.4	
3784.0			8.6	72	8.4	8.2	
3788.0			8.6	72	8.7	8.2	
3792.0			8.6	72	8.9	8.3	
3796.0			8.5	72	8.9	8.3	
3800.0			8.5	72	8.9	8.4	
3804.0	20.6	254	8.5	71	8.8	8.4	4
3808.0	18.2	275	8.5	71	8.9	8.4	4
3812.0	21.3	269	8.5	70	9.0	8.4	4
3816.0	17.2	243	8.6	69	9.1	8.4	4
3820.0	15.7	280	8.6	70	9.1	8.3	4
3824.0	17.5	270	8.5	70	9.0	8.3	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
3468.0	25.2	224	9.2	63	9.0	8.5	3
3472.0	22.2	223	9.2	63	9.1	8.5	3
3476.0	19.6	255	9.2	64	9.1	8.6	2
3480.0	17.0	253	9.2	66	9.1	8.7	2
3484.0	12.0	258	9.2	66	8.7	8.3	4
3488.0	12.3	285	9.2	66	8.7	8.3	4
3492.0	12.9	292	9.2	66	9.1	8.6	4
3496.0	16.0	298	9.2	67	9.3	8.6	2
3500.0	15.0	292	9.2	69	9.3	8.6	4
3504.0	13.8	266	9.2	69	9.2	8.6	4
3508.0	13.5	260	9.2	70	9.1	8.5	4
3512.0	20.3	270	9.2	70	9.1	8.5	4
3516.0	19.2	273	9.3	69	9.1	8.5	4
3520.0	13.0	268	9.3	69	9.2	8.5	4
3524.0	21.3	274	9.3	70	9.2	8.6	4
3528.0	17.9	264	9.2	70	9.3	8.6	4
3532.0	15.7	254	9.2	70	9.3	8.5	4
3536.0	15.1	256	9.3	72	9.3	8.5	2
3540.0	17.6	259	9.3	72	9.4	8.6	4
3544.0	23.2	249	9.3	71	9.3	8.6	4
3548.0	24.6	247	9.3	70	9.2	8.5	4
3552.0	13.4	332	9.3	71	9.2	8.5	3
3556.0	17.8	324	9.3	72	9.3	8.4	3
3560.0	23.2	256	9.3	72	9.4	8.3	2
3564.0	16.4	247	9.3	72	9.5	8.3	4
3568.0	13.0	253	9.3	72	9.4	8.3	4
3572.0	14.0	267	9.3	72	9.4	8.3	4
3576.0	14.5	282	9.3	71	9.0	8.1	4
3580.0	13.9	271	9.3	71	8.7	7.9	4
3584.0	15.4	263	9.3	72	8.7	8.0	4
3588.0			9.3	72	8.7	7.9	
3592.0	18.4	270	9.3	71	8.8	7.9	4
3596.0	19.7	260	9.2	71	8.9	7.9	4
3600.0	14.7	267	9.2	71	8.8	8.0	4
3604.0	11.2	262	9.2	71	8.8	8.0	2
3608.0	15.7	258	9.2	71	9.0	8.0	4
3612.0	16.2	262	9.2	70	9.0	8.1	4
3616.0	16.1	265	9.2	71	9.0	8.2	4
3620.0	16.3	264	9.2	71	9.0	8.2	4
3624.0	16.2	263	9.2	71	9.1	8.2	4
3628.0	16.6	268	9.2	71	9.1	8.3	4
3632.0	16.3	269	9.2	72	9.1	8.5	4
3636.0	15.9	272	9.2	72	9.0	8.6	4
3640.0	14.6	264	9.2	71	8.9	8.7	4
3644.0	12.4	259	9.2	71	8.8	8.7	1

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
3288.0	16.7	258	9.4	67	9.9	7.6	4
3292.0	25.2	248	9.3	66	10.1	7.7	4
3296.0	20.5	254	9.3	66	10.2	7.6	2
3300.0	16.7	277	9.3	68	10.6	7.6	4
3304.0	18.0	249	9.4	68	10.8	7.7	4
3308.0	18.6	246	9.5	67	10.7	7.6	4
3312.0	22.2	228	9.4	67	10.5	7.6	4
3316.0	27.1	231	9.4	67	10.5	7.7	4
3320.0	25.0	235	9.4	67	10.8	7.8	4
3324.0	16.9	238	9.4	64	10.6	7.8	4
3328.0	14.0	249	9.3	63	10.4	7.8	4
3332.0	12.9	272	9.3	64	10.5	7.8	3
3336.0	23.5	257	9.3	64	10.4	7.9	1
3340.0	20.6	261	9.3	65	10.4	7.9	1
3344.0	12.5	266	9.3	66	10.4	7.9	3
3348.0	12.4	274	9.4	66	10.1	8.0	3
3352.0			9.3	65	10.0	8.1	
3356.0	19.3	261	9.3	64	9.6	8.2	3
3360.0	15.2	259	9.2	60	9.5	8.2	3
3364.0	21.7	277	9.2	60	9.7	8.3	1
3368.0	17.1	268	9.2	63	9.5	8.4	1
3372.0	11.6	259	9.2	62	9.3	8.4	1
3376.0	12.5	251	9.2	58	9.1	8.4	3
3380.0	19.2	260	9.3	60	9.1	8.5	3
3384.0	16.6	298	9.2	62	9.1	8.7	1
3388.0	9.1	248	9.2	61	8.9	8.6	1
3392.0	79.8	202	9.2	61	8.9	8.5	3
3396.0	20.2	265	9.2	61	9.0	8.6	3
3400.0	16.3	260	9.2	62	8.6	8.5	1
3404.0	16.1	262	9.2	61	8.5	8.3	1
3408.0	11.5	262	9.1	60	8.6	8.2	1
3412.0	17.2	255	9.2	59	8.5	8.3	4
3416.0	20.9	260	9.2	59	8.4	8.3	4
3420.0	21.3	264	9.2	57	8.4	8.3	2
3424.0	20.2	249	9.1	55	8.4	8.3	4
3428.0	20.5	241	9.1	56	8.3	8.4	4
3432.0	13.5	234	9.1	60	8.2	8.3	4
3436.0	11.8	244	9.1	64	8.2	8.2	4
3440.0	11.1	262	9.2	65	8.3	8.2	4
3444.0	9.7	245	9.2	65	8.4	8.2	4
3448.0	17.7	258	9.1	65	8.4	8.2	4
3452.0	19.3	267	9.1	64	8.3	8.1	4
3456.0	19.6	269	9.1	63	8.5	8.4	4
3460.0	17.6	268	9.1	62	8.8	8.7	4
3464.0	15.4	254	9.2	62	9.0	8.7	2

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
3108.0	16.9	276	9.7	71	8.3	8.4	4
3112.0	16.7	273	9.7	70	8.4	8.4	4
3116.0	14.5	262	9.7	71	8.4	8.4	4
3120.0	13.2	248	9.7	71	8.5	8.3	4
3124.0	13.2	249	9.7	70	8.5	8.3	4
3128.0	13.1	260	9.7	71	8.6	8.2	4
3132.0	13.2	259	9.7	72	8.7	8.2	4
3136.0	15.3	261	9.7	72	8.2	8.2	4
3140.0	15.6	261	9.7	71	8.0	8.0	4
3144.0	14.8	256	9.8	71	8.7	8.4	4
3148.0	14.7	263	10.0	73	9.7	10.1	4
3152.0	13.1	258	10.1	74	10.2	11.5	4
3156.0			10.0	73	10.1	11.6	
3160.0			9.9	72	10.0	11.7	
3164.0			9.8	70	10.0	12.0	
3168.0			9.7	69	10.3	11.9	
3172.0			9.7	70	10.6	11.2	
3176.0	15.8	257	9.6	70	10.1	9.6	4
3180.0	15.9	259	9.6	70	9.3	8.3	4
3184.0	15.6	258	9.7	69	9.3	8.3	4
3188.0	12.9	254	9.7	68	9.4	8.3	4
3192.0	13.3	257	9.7	66	9.4	8.2	4
3196.0	14.5	253	9.8	65	9.4	8.2	4
3200.0	15.8	251	9.8	65	9.3	8.2	4
3204.0	17.4	238	9.7	64	9.2	8.2	4
3208.0	19.3	218	9.8	63	9.2	8.0	4
3212.0	14.7	259	9.8	64	9.2	7.9	4
3216.0	15.2	264	9.7	66	9.2	7.7	4
3220.0	17.7	233	9.7	65	9.3	7.7	4
3224.0	17.7	231	9.6	67	9.4	7.7	4
3228.0	10.1	254	9.7	68	9.3	7.7	4
3232.0	12.9	264	9.7	67	9.1	7.6	4
3236.0	18.1	268	9.8	66	9.1	7.6	4
3240.0	17.7	268	9.7	62	9.0	7.6	4
3244.0	16.9	273	9.6	62	8.9	7.6	4
3248.0	14.6	280	9.6	65	8.9	7.6	4
3252.0	14.0	287	9.5	65	9.0	7.5	4
3256.0	14.8	284	9.5	65	9.1	7.5	4
3260.0	17.6	258	9.5	66	9.1	7.6	4
3264.0	15.5	260	9.5	65	8.9	7.5	4
3268.0	11.3	257	9.5	64	8.9	7.7	2
3272.0	11.2	259	9.6	65	9.1	7.7	2
3276.0	15.6	260	9.5	65	9.0	7.6	4
3280.0	17.3	265	9.5	66	9.1	7.6	4
3284.0	17.6	262	9.5	67	9.3	7.6	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
2928.0	16.0	264	9.6	71	9.1	8.4	4
2932.0	14.2	262	9.6	70	9.2	8.4	4
2936.0	13.9	259	9.6	69	9.3	8.3	4
2940.0	12.9	248	9.6	69	9.3	8.3	4
2944.0	12.6	250	9.6	69	9.3	8.3	4
2948.0	13.1	264	9.6	69	9.3	8.4	4
2952.0	15.3	254	9.6	69	9.3	8.4	4
2956.0	15.2	259	9.6	69	9.3	8.3	4
2960.0	16.6	265	9.7	69	9.3	8.4	4
2964.0	15.8	261	9.6	69	9.3	8.4	4
2968.0	14.5	255	9.6	69	9.2	8.4	4
2972.0	16.0	274	9.7	69	9.2	8.3	4
2976.0	16.3	273	9.7	68	9.2	8.3	4
2980.0	18.3	260	9.7	68	9.1	8.4	4
2984.0	18.9	260	9.7	68	8.9	8.4	4
2988.0	17.6	260	9.7	69	8.7	8.4	4
2992.0	18.7	268	9.8	71	8.9	8.5	2
2996.0	16.5	275	9.8	70	9.5	8.6	4
3000.0	15.8	262	9.8	70	9.3	8.5	4
3004.0	15.9	260	9.7	69	8.9	8.4	4
3008.0	15.6	258	9.8	69	8.9	8.4	4
3012.0	14.4	257	9.8	70	9.1	8.5	4
3016.0	14.9	258	9.8	69	9.1	8.5	4
3020.0	15.2	260	9.8	69	8.3	8.3	4
3024.0	15.6	265	9.8	69	8.3	8.2	4
3028.0	16.5	267	9.8	69	8.7	8.3	4
3032.0	15.3	269	9.7	69	8.7	8.3	4
3036.0	14.8	275	9.6	68	8.7	8.3	4
3040.0	14.9	258	9.6	67	8.6	8.3	4
3044.0	13.4	258	9.7	67	8.6	8.3	4
3048.0	13.6	264	9.7	66	8.6	8.3	4
3052.0	14.1	261	9.7	67	8.5	8.3	4
3056.0	14.3	265	9.7	67	8.5	8.4	4
3060.0	14.1	269	9.6	69	8.5	8.4	4
3064.0	14.5	267	9.6	70	8.5	8.4	4
3068.0	14.7	263	9.6	71	8.5	8.5	4
3072.0	14.3	261	9.6	71	8.4	8.4	4
3076.0	14.7	271	9.6	71	8.3	8.4	4
3080.0	15.3	263	9.6	71	8.3	8.3	4
3084.0	15.5	261	9.6	70	8.3	8.3	4
3088.0	15.6	265	9.6	70	8.3	8.4	4
3092.0	14.9	263	9.6	72	8.3	8.4	4
3096.0	14.7	262	9.6	72	8.3	8.4	4
3100.0	14.1	262	9.6	72	8.3	8.4	4
3104.0	14.8	262	9.7	71	8.3	8.4	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
2354.0			8.9	78	8.1	11.6	
2358.0			8.6	79	8.1	10.2	
2362.0			8.6	79	8.1	10.8	
2366.0			8.6	79	8.1	12.5	
2370.0			8.6	79	8.0	13.0	
2374.0			8.7	77	8.1	13.2	
2378.0			8.6	78	8.1	12.6	
2382.0			8.4	78	9.4	14.8	
2386.0			8.5	75	9.9	14.9	
2390.0			8.7	74	8.5	12.3	
2394.0	64.3	104	8.8	74	8.2	11.1	1
2398.0	63.5	101	9.0	75	8.0	11.0	3
2402.0	61.6	101	9.1	76	7.9	11.3	1
2404.0			8.9	69	11.0	8.1	
2408.0			9.0	69	11.2	8.6	
2412.0	17.6	169	9.3	68	13.9	12.7	3
2416.0	15.5	168	9.2	69	15.6	14.0	3
2420.0			9.0	71	15.6	13.2	
2424.0			8.8	72	13.2	11.7	
2428.0			8.7	71	8.9	8.3	
2432.0	16.6	220	8.7	69	8.5	8.3	2
2436.0	13.7	250	8.8	68	8.6	8.3	4
2440.0	18.6	272	8.8	69	8.4	8.3	4
2444.0	18.0	280	8.8	70	8.3	8.3	4
2448.0			8.8	70	8.1	8.1	
2452.0			8.9	70	8.0	8.0	
2456.0	17.4	255	8.9	71	8.0	8.0	4
2460.0	12.3	253	8.9	73	8.0	8.0	4
2464.0	11.5	259	9.0	71	8.0	8.1	4
2468.0	16.4	261	9.0	69	8.0	8.2	4
2472.0	13.1	246	9.0	70	8.1	8.4	4
2476.0	11.9	236	9.1	70	8.2	9.4	4
2480.0			9.2	70	8.3	10.9	
2484.0			9.0	71	8.3	10.9	
2488.0	14.6	264	8.9	71	8.5	9.5	2
2492.0	13.1	267	9.0	72	8.4	8.6	4
2496.0	16.4	272	9.0	71	8.4	8.9	.2
2500.0	15.2	275	9.1	70	8.3	10.7	4
2504.0	12.1	267	9.0	69	8.3	10.4	4
2508.0	11.1	272	9.0	71	8.6	9.6	4
2512.0	10.8	272	9.0	73	8.6	9.8	4
2516.0	15.3	273	9.0	73	8.4	9.8	4
2520.0	15.0	268	9.0	72	8.3	11.2	2
2524.0	8.7	291	9.0	73	8.5	11.1	4
2528.0	11.5	281	9.2	73	8.6	9.6	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
2532.0	10.4	265	9.3	71	8.5	9.5	4
2536.0	17.5	265	9.4	70	12.0	12.9	2
2540.0	25.7	295	9.3	71	11.9	14.3	1
2544.0	3.3	343	9.1	72	8.3	12.9	2
2548.0	11.6	300	9.2	73	8.3	11.4	4
2552.0	14.5	263	9.3	73	8.2	9.9	4
2556.0	14.4	261	9.4	70	8.2	10.9	4
2560.0	12.3	281	9.3	70	8.2	10.8	4
2564.0	13.2	281	9.2	70	8.2	10.0	4
2568.0	14.0	282	9.2	72	8.2	10.0	4
2572.0	14.3	299	9.4	74	8.2	11.1	3
2576.0			9.3	73	8.2	12.8	
2580.0	13.8	299	9.2	72	8.3	11.3	1
2584.0	14.9	276	9.2	73	8.3	8.8	3
2588.0	15.6	269	9.4	74	8.1	8.1	3
2592.0	17.9	273	9.7	73	8.3	8.9	1
2596.0	16.3	261	9.6	70	8.4	10.5	3
2600.0	9.8	254	9.2	70	8.3	11.1	4
2604.0	11.1	262	9.1	73	8.2	10.4	4
2608.0	9.2	266	9.0	73	8.3	9.7	2
2612.0	9.1	278	9.0	74	8.3	9.1	4
2616.0	10.9	256	9.2	72	8.3	9.4	4
2620.0	16.1	262	9.2	72	8.5	9.8	4
2624.0	15.7	257	9.2	73	8.4	9.4	4
2628.0	16.9	258	9.3	73	8.6	10.5	4
2632.0	15.9	265	9.2	74	8.6	11.4	4
2636.0	16.6	254	9.2	73	8.2	10.1	4
2640.0	16.2	255	9.2	71	8.2	10.3	4
2644.0	9.5	272	9.2	71	8.2	10.8	4
2648.0	13.5	263	9.2	72	8.1	10.6	4
2652.0	14.5	260	9.2	73	8.2	10.0	4
2656.0	14.8	262	9.3	74	8.3	9.6	4
2660.0	14.5	266	9.3	74	8.6	13.0	4
2664.0	13.8	300	9.2	74	8.8	13.1	4
2668.0	13.7	301	9.2	75	8.1	10.5	4
2672.0	18.5	284	9.3	76	7.8	9.8	2
2676.0			9.7	75	8.1	9.1	
2680.0			10.2	75	8.1	9.0	
2684.0	11.9	251	10.7	62	7.9	9.4	4
2688.0	11.4	245	10.2	58	7.1	11.4	4
2692.0	24.5	293	9.3	68	7.0	14.1	2
2696.0	10.9	317	9.2	72	7.6	14.2	2
2700.0	10.5	254	9.2	73	7.9	12.1	4
2704.0	11.5	251	9.3	74	8.0	10.6	4
2708.0	14.1	260	9.5	73	8.0	9.9	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
2712.0	19.0	248	9.5	72	8.5	10.2	2
2716.0	17.4	276	9.4	72	8.7	11.1	4
2720.0	18.7	289	9.3	74	8.3	10.4	4
2724.0	16.1	284	9.3	76	8.1	9.3	4
2728.0	18.0	276	9.3	75	8.6	9.3	4
2732.0	20.0	282	9.3	76	8.8	9.5	4
2736.0			9.3	74	8.3	9.1	
2740.0	17.3	287	9.3	75	8.1	8.8	2
2744.0	14.4	274	9.3	76	7.9	8.7	4
2748.0	14.1	279	9.3	74	7.9	8.6	4
2752.0	13.8	299	9.4	74	7.9	8.8	4
2756.0	11.8	327	9.5	74	7.9	9.0	2
2796.0	13.1	278	9.9	72	11.5	9.1	4
2800.0	10.0	283	9.9	70	11.8	8.6	4
2804.0	13.8	259	9.7	72	11.2	8.4	4
2808.0	15.8	278	9.7	72	10.0	8.3	4
2812.0	14.8	273	9.6	72	9.6	8.2	2
2816.0	17.9	273	9.6	73	9.6	8.2	4
2820.0	12.3	266	9.6	73	9.6	8.2	4
2824.0	13.0	272	9.6	73	9.5	8.2	4
2828.0	17.0	281	9.6	73	9.5	8.1	4
2832.0	16.1	289	9.7	72	9.3	8.1	4
2836.0	13.8	272	9.7	71	9.1	8.2	4
2840.0	14.3	285	9.7	71	9.3	8.2	4
2844.0	18.9	297	9.7	71	9.4	8.2	4
2848.0			9.6	72	9.8	8.3	
2852.0			9.6	73	10.1	8.4	
2856.0			9.7	73	9.9	8.5	
2860.0			9.8	74	9.7	8.4	
2864.0	10.3	248	9.8	73	10.1	8.3	4
2868.0	10.3	245	9.8	72	10.8	8.4	4
2872.0	12.7	256	9.8	71	10.0	8.4	4
2876.0	14.5	277	9.8	71	9.3	8.3	4
2880.0			9.8	71	10.9	8.4	
2884.0	11.2	273	9.7	69	11.6	8.6	4
2888.0	21.9	266	9.6	69	10.4	8.5	2
2892.0	16.4	267	9.7	69	10.8	8.8	4
2896.0	8.1	302	9.7	69	10.2	8.9	2
2900.0	18.2	269	9.6	70	8.9	8.3	4
2904.0	13.6	248	9.7	70	9.0	8.3	4
2908.0	12.3	244	9.7	69	9.1	8.4	4
2912.0	12.2	253	9.6	68	9.3	8.4	4
2916.0	14.5	267	9.6	69	9.3	8.3	4
2920.0	14.1	267	9.6	69	9.2	8.3	4
2924.0	13.1	275	9.6	70	9.1	8.4	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
2174.0	17.2	272	8.5	79	8.2	8.3	3
2178.0	10.8	291	8.5	81	8.2	8.4	1
2182.0	10.6	298	8.5	80	8.2	8.6	1
2186.0	15.0	270	8.6	80	8.2	8.6	3
2190.0	16.2	268	8.5	81	8.6	11.5	3
2194.0	13.7	261	8.5	82	9.0	14.5	3
2198.0	14.2	248	8.5	81	8.6	11.4	1
2202.0	14.4	264	8.5	81	8.1	8.3	3
2206.0	11.3	265	8.8	82	8.4	8.8	3
2210.0	11.7	267	9.3	80	8.4	10.4	3
2214.0	21.3	247	10.0	75	8.4	13.1	1
2218.0	10.9	252	9.9	68	8.3	13.6	1
2222.0	10.0	253	9.0	71	8.1	13.2	3
2226.0			8.6	78	8.6	14.8	
2230.0	12.1	246	8.7	79	8.7	13.2	1
2234.0			8.9	79	8.3	10.5	
2238.0	4.7	336	8.8	79	8.2	12.1	1
2242.0	5.4	268	8.7	79	8.2	11.6	1
2246.0	6.1	73	8.6	79	8.2	9.7	1
2250.0	8.2	81	8.5	79	8.2	9.2	3
2254.0	10.0	55	8.5	80	8.3	8.4	1
2258.0	12.2	238	8.5	81	8.1	8.1	1
2262.0	18.1	226	8.8	81	8.0	8.0	3
2266.0	10.3	256	9.4	79	8.0	7.9	3
2270.0	11.5	244	9.5	76	8.0	9.6	3
2274.0	10.5	242	9.0	75	8.1	11.9	3
2278.0	16.8	288	8.7	78	8.1	11.8	1
2282.0			8.5	78	8.1	11.6	
2286.0			8.5	78	8.1	10.6	
2290.0	14.8	272	8.4	79	8.1	9.0	1
2294.0			8.5	79	8.2	9.1	
2298.0	27.5	275	8.6	77	8.7	9.9	1
2302.0	24.1	264	8.6	77	8.6	9.6	3
2306.0	13.9	275	8.5	77	8.1	9.0	3
2310.0	12.7	262	8.6	78	8.2	9.2	3
2314.0	14.0	254	8.6	79	8.0	8.8	4
2318.0	12.2	252	8.5	79	7.9	8.4	4
2322.0	9.9	246	8.5	78	7.9	8.5	4
2326.0	17.0	267	8.5	78	7.9	8.5	4
2330.0	18.1	250	8.6	79	8.0	8.6	4
2334.0	16.9	248	8.7	78	8.1	9.0	4
2338.0	16.0	281	8.8	77	8.0	9.2	4
2342.0	15.2	281	9.3	76	8.0	9.4	4
2346.0	10.1	256	9.7	78	8.0	9.8	4
2350.0	9.8	257	9.5	79	7.9	10.9	2

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
1994.0	13.6	270	7.9	81	7.9	9.5	4
1998.0	13.7	270	8.0	80	7.9	9.5	4
2002.0	13.6	270	7.9	80	7.9	9.5	4
2006.0	13.5	271	7.9	81	8.0	9.6	4
2010.0	13.6	269	8.0	81	8.0	9.7	4
2014.0	14.7	266	8.0	79	8.0	9.7	4
2018.0	14.9	266	8.0	78	8.3	10.5	4
2022.0	13.1	267	8.0	78	8.4	11.3	4
2026.0	14.2	267	8.0	76	8.3	11.2	4
2030.0	12.5	268	8.0	74	8.2	10.9	4
2034.0	13.6	271	8.0	75	8.2	10.9	4
2038.0	15.2	257	8.0	75	8.1	10.2	4
2042.0	14.6	263	8.0	75	8.0	9.7	4
2046.0	13.9	268	8.0	77	8.0	9.9	4
2050.0	13.6	268	8.1	78	8.1	9.7	4
2054.0	13.2	267	8.2	77	8.0	9.6	4
2058.0	12.4	276	8.1	76	8.0	9.9	4
2062.0	13.8	276	8.1	76	7.9	9.7	4
2066.0	14.2	268	8.2	76	7.8	9.6	4
2070.0	11.4	272	8.2	76	7.8	9.7	4
2074.0	12.0	272	8.2	77	7.9	9.7	4
2078.0	12.2	272	8.1	77	7.9	9.5	4
2082.0	12.7	269	8.2	78	8.0	9.0	4
2086.0	12.8	271	8.3	79	7.9	9.1	4
2090.0	11.8	273	8.5	79	8.0	9.2	4
2094.0	14.0	268	9.3	79	8.1	9.0	4
2098.0	10.1	260	9.2	80	7.9	9.3	4
2102.0	8.2	259	8.4	80	7.9	10.5	2
2106.0	14.8	267	8.4	79	8.1	11.0	4
2110.0	15.6	266	8.4	79	8.2	10.4	4
2114.0	12.2	269	8.6	81	8.2	10.3	4
2118.0	9.4	264	8.4	79	8.2	11.5	4
2122.0	10.0	263	8.3	78	8.2	11.6	4
2126.0	13.8	272	8.4	79	8.3	9.9	4
2130.0	13.2	265	8.6	78	8.2	9.3	4
2134.0	9.3	257	8.6	77	8.1	10.7	2
2138.0	10.2	252	8.4	77	8.1	11.0	4
2142.0	12.3	239	8.3	77	8.1	9.5	2
2146.0	12.2	269	8.3	77	8.3	9.2	4
2150.0	12.6	280	8.4	77	8.5	9.5	4
2154.0	12.8	276	8.4	77	8.4	9.1	3
2158.0	15.6	258	8.5	79	8.2	9.5	1
2162.0	16.4	274	8.5	79	8.3	10.7	1
2166.0	15.7	258	8.4	77	8.3	9.8	1
2170.0	23.3	269	8.4	78	8.2	8.3	1

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
1814.0			7.6	82	8.2	9.0	
1818.0			7.6	82	8.3	8.9	
1822.0			7.6	81	8.3	8.9	
1826.0	16.3	258	7.6	82	8.2	9.4	4
1830.0	13.5	265	7.6	81	8.3	10.1	4
1834.0	15.2	262	7.6	80	8.4	10.4	4
1838.0	16.4	254	7.6	80	8.4	9.6	4
1842.0	18.0	262	7.6	82	8.3	8.8	4
1846.0			7.7	83	8.3	8.8	
1850.0			7.7	83	8.2	8.5	
1854.0	10.7	265	7.7	83	8.1	8.2	2
1858.0	13.3	270	7.7	82	8.1	8.3	4
1862.0	12.1	287	7.8	82	8.1	8.2	4
1866.0	10.2	265	7.8	81	8.1	8.3	4
1870.0	12.4	241	7.7	81	8.0	8.3	4
1874.0	12.5	273	7.6	81	7.9	8.2	4
1878.0	16.1	291	7.6	81	7.9	8.3	4
1882.0	13.3	251	7.7	81	8.0	8.4	4
1886.0	13.4	254	7.7	82	8.0	8.6	4
1890.0	11.9	276	7.7	82	8.1	8.8	4
1894.0	18.0	243	7.7	83	8.1	9.0	4
1898.0	17.0	252	7.6	83	8.2	9.1	4
1902.0	14.4	268	7.7	83	8.2	9.0	4
1906.0	12.7	264	7.7	81	8.2	9.3	4
1910.0	14.6	262	7.7	79	8.2	9.7	4
1914.0	15.0	260	7.7	79	8.1	9.6	4
1918.0	13.1	267	7.7	79	8.0	9.4	4
1922.0	13.5	271	7.8	78	8.1	9.6	4
1926.0	14.4	269	7.8	78	8.2	9.9	4
1930.0	13.8	265	7.8	78	8.1	9.7	4
1934.0	14.0	264	7.7	77	8.1	9.6	4
1938.0	14.2	268	7.7	78	8.2	10.2	4
1942.0	12.8	266	7.7	78	8.2	10.4	4
1946.0	12.5	263	7.8	78	8.0	10.0	4
1950.0	14.1	269	7.8	77	8.0	9.7	4
1954.0	15.0	273	7.8	78	8.2	10.3	4
1958.0	13.3	271	7.8	79	8.2	10.9	4
1962.0	13.9	269	7.8	79	8.1	10.1	4
1966.0	14.5	269	7.9	79	8.1	9.9	4
1970.0	13.8	266	7.9	80	8.1	10.9	4
1974.0	14.4	265	7.9	80	8.1	10.5	4
1978.0	13.5	274	7.9	79	8.0	9.9	4
1982.0	14.1	275	7.9	79	7.9	9.6	4
1986.0	13.5	271	7.9	79	7.9	9.4	4
1990.0	13.3	268	7.9	80	7.9	9.5	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
1634.0	10.5	261	7.4	70	8.9	8.4	3
1638.0	11.8	256	7.4	70	8.9	8.4	3
1642.0	11.0	248	7.4	70	8.8	8.4	3
1646.0			7.3	70	8.6	8.5	
1650.0			7.3	70	8.8	8.5	
1654.0			7.3	71	8.8	8.4	
1658.0	8.0	246	7.3	70	8.6	8.4	1
1662.0	8.7	255	7.3	69	8.5	8.5	3
1666.0	9.1	255	7.3	69	8.5	8.5	3
1670.0			7.3	70	8.5	8.5	
1674.0			7.3	70	8.5	8.5	
1678.0	16.8	283	7.3	71	8.5	8.6	1
1682.0	15.9	283	7.2	71	8.5	8.6	1
1686.0	18.0	250	7.3	71	8.4	8.5	3
1690.0	18.0	250	7.3	73	8.3	8.5	3
1694.0	18.9	259	7.2	75	8.4	8.5	1
1698.0	19.2	273	7.2	77	8.3	8.6	1
1702.0	15.1	273	7.3	78	8.3	8.5	4
1706.0	15.8	269	7.4	78	8.2	8.5	4
1710.0	16.8	259	7.3	79	8.3	8.6	4
1714.0	15.5	255	7.3	79	8.3	8.7	4
1718.0	17.2	255	7.4	79	8.3	8.7	4
1722.0	16.2	260	7.5	80	8.3	8.8	4
1726.0			7.5	83	8.3	9.1	
1730.0	14.0	260	7.5	83	8.7	9.6	4
1734.0	14.1	259	7.5	82	8.8	9.7	4
1738.0	12.1	257	7.4	83	8.4	9.3	4
1742.0	12.0	254	7.4	83	8.6	10.0	3
1746.0	14.1	263	7.5	83	8.8	11.1	3
1750.0	14.0	263	7.5	82	8.5	11.7	3
1754.0	12.4	267	7.6	80	8.3	11.1	3
1758.0	14.9	263	7.6	80	8.3	10.1	3
1762.0			7.6	80	8.2	10.5	
1766.0	13.6	268	7.5	80	8.3	11.1	1
1770.0	13.3	260	7.5	81	8.5	11.5	1
1774.0	14.6	268	7.6	81	8.7	11.4	1
1778.0	17.2	260	7.6	80	9.3	11.4	1
1782.0	16.9	258	7.6	79	9.8	12.1	2
1786.0	18.8	266	7.6	80	9.4	11.1	4
1790.0	18.4	274	7.6	81	8.6	9.5	4
1794.0	20.8	254	7.6	81	8.3	8.8	4
1798.0	16.3	239	7.7	79	8.3	9.0	4
1802.0	14.8	262	7.7	80	8.3	9.2	2
1806.0	21.7	266	7.6	81	8.3	9.2	4
1810.0	22.2	269	7.6	82	8.2	9.1	4

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
1454.0	21.6	250	7.6	71	10.5	8.5	2
1458.0	14.9	262	7.7	72	10.0	8.5	4
1462.0	11.3	261	7.7	72	9.6	8.4	1
1466.0			7.7	72	9.8	8.4	
1470.0	12.6	264	7.7	73	9.8	8.4	1
1474.0			7.6	73	10.1	8.4	
1478.0	13.1	247	7.6	73	10.0	8.4	1
1482.0	13.6	253	7.6	72	9.7	8.4	3
1486.0	15.2	260	7.6	71	9.8	8.4	3
1490.0	17.4	256	7.7	74	9.7	8.5	3
1494.0	17.6	274	7.7	75	9.8	8.5	3
1498.0	17.6	279	7.7	73	10.0	8.4	3
1502.0	15.7	271	7.6	72	10.0	8.3	4
1506.0	15.5	271	7.6	71	10.0	8.1	4
1510.0	14.8	276	7.6	70	10.1	8.1	4
1514.0	14.6	275	7.6	70	10.1	8.1	4
1518.0	16.8	268	7.6	70	10.1	8.1	4
1522.0	16.4	273	7.6	71	10.3	8.1	4
1526.0	13.2	300	7.6	72	10.3	8.3	2
1530.0			7.6	72	10.3	8.3	
1534.0	15.6	262	7.6	72	10.6	8.1	2
1538.0			7.6	72	10.5	8.0	
1542.0	7.1	300	7.6	72	10.4	7.9	4
1546.0	6.4	278	7.6	72	10.4	7.9	4
1550.0			7.6	71	10.5	7.8	
1554.0	8.6	267	7.6	71	10.6	7.8	4
1558.0	8.6	267	7.6	72	10.9	7.8	4
1562.0			7.5	72	11.0	7.9	
1566.0	7.3	264	7.5	72	10.9	8.1	2
1570.0	8.2	249	7.5	73	10.7	8.1	4
1574.0	5.1	291	7.6	73	10.7	8.2	4
1578.0	5.2	277	7.6	72	10.8	8.4	4
1582.0			7.6	72	10.4	8.3	
1586.0			7.6	73	10.4	8.3	
1590.0			7.5	73	10.9	8.7	
1594.0			7.5	72	10.8	8.9	
1598.0			7.5	73	10.8	9.1	
1602.0			7.5	75	11.2	9.6	
1606.0			7.5	73	11.2	9.9	
1610.0			7.5	72	11.2	9.7	
1614.0			7.6	71	11.3	8.9	
1618.0			7.5	71	10.9	8.4	
1622.0	15.4	233	7.5	71	9.9	8.4	1
1626.0			7.5	71	9.6	8.3	
1630.0			7.4	70	9.2	8.4	

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
1274.0	18.1	261	7.9	78	9.6	8.4	4
1278.0	17.2	259	7.7	78	9.6	8.4	4
1282.0	17.4	258	7.7	78	9.5	8.3	4
1286.0	17.9	256	7.8	77	9.5	8.3	4
1290.0	18.1	255	7.8	76	9.7	8.3	4
1294.0	18.2	256	7.8	75	9.8	8.2	4
1298.0	18.1	256	7.9	75	9.8	8.3	4
1302.0	18.0	257	7.9	76	9.7	8.3	4
1306.0	19.2	258	7.8	77	9.5	8.3	4
1310.0	19.3	258	7.8	77	9.5	8.3	4
1314.0	18.9	259	7.8	77	9.5	8.4	4
1318.0	20.0	260	7.8	76	9.5	8.4	4
1322.0	20.7	260	7.8	74	9.5	8.4	4
1326.0	56.6	329	7.8	73	9.7	8.3	1
1330.0	55.7	331	7.7	75	9.8	8.2	1
1334.0	15.9	271	7.7	75	9.7	8.1	4
1338.0	15.8	267	7.7	76	9.5	8.2	4
1342.0	15.6	264	7.8	76	9.4	8.3	4
1346.0	15.6	263	7.8	75	9.4	8.4	4
1350.0	15.1	265	7.8	74	9.6	8.4	4
1354.0	17.3	270	7.7	75	9.8	8.4	4
1358.0	14.5	264	7.8	76	9.8	8.5	4
1362.0	15.3	259	7.8	74	9.5	8.4	4
1366.0	16.3	261	7.7	73	9.4	8.3	4
1370.0	15.6	257	7.7	74	9.7	8.3	4
1374.0	16.0	259	7.7	74	9.9	8.3	2
1378.0	18.1	261	7.7	74	9.8	8.2	4
1382.0	18.4	260	7.7	75	9.7	8.2	4
1386.0	16.9	258	7.6	75	9.6	8.4	4
1390.0	17.3	260	7.7	75	9.5	8.5	4
1394.0	15.3	262	7.7	75	9.6	8.6	4
1398.0	15.5	257	7.7	75	9.8	8.5	3
1402.0	14.4	260	7.7	74	9.8	8.4	1
1406.0	15.7	263	7.7	74	9.7	8.4	1
1410.0	13.6	275	7.7	75	9.6	8.4	1
1414.0	17.3	251	7.6	75	9.5	8.5	4
1418.0	17.9	258	7.6	75	9.5	8.4	4
1422.0	17.1	264	7.7	74	9.6	8.3	4
1426.0	16.0	260	7.7	75	9.6	8.4	4
1430.0	16.9	255	7.7	76	9.8	8.5	4
1434.0	16.8	264	7.7	75	10.0	8.5	4
1438.0	18.7	259	7.6	74	9.8	8.3	4
1442.0	16.0	252	7.7	73	9.8	8.3	4
1446.0	16.1	247	7.7	73	9.5	8.3	4
1450.0	13.3	260	7.7	72	9.8	8.4	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
1094.0			7.8	78	9.6	12.6	
1098.0			7.9	78	9.6	12.7	
1102.0			7.9	80	9.7	12.3	
1106.0			7.9	81	9.7	11.8	
1110.0			7.8	82	9.4	11.8	
1114.0			7.8	81	9.2	11.8	
1118.0			7.9	79	9.2	12.3	
1122.0			7.9	78	9.3	12.7	
1126.0			7.9	79	9.3	12.4	
1130.0	18.5	265	7.8	78	9.3	10.9	1
1134.0	16.6	263	7.9	79	9.5	9.0	1
1138.0	16.8	264	7.9	80	9.5	8.5	3
1142.0	14.8	264	7.8	79	9.6	8.7	1
1146.0			7.8	80	9.6	9.3	
1150.0			7.8	79	9.5	9.6	
1154.0			7.8	78	9.3	9.3	
1158.0	17.4	259	7.8	80	9.5	8.7	4
1162.0	16.8	260	7.8	80	9.7	8.4	4
1166.0	16.2	261	7.8	79	9.7	8.3	4
1170.0	17.2	261	7.8	80	9.7	8.3	4
1174.0	18.2	263	7.7	80	9.6	8.3	4
1178.0	18.0	262	7.8	78	9.5	8.3	4
1182.0	17.1	262	7.8	79	9.5	8.3	4
1186.0	16.6	261	7.8	79	9.7	8.3	4
1190.0	17.0	261	7.8	79	9.8	8.2	4
1194.0	17.0	262	7.8	80	9.7	8.2	4
1198.0	17.3	261	7.8	79	9.6	8.2	4
1202.0	16.8	261	7.7	78	9.5	8.3	4
1206.0	16.6	261	7.7	79	9.5	8.4	4
1210.0	17.1	263	7.8	81	9.6	8.4	4
1214.0			7.8	80	9.6	8.7	
1218.0	71.9	334	7.7	76	9.5	8.9	1
1222.0			7.8	78	9.5	8.6	
1226.0	16.7	261	7.8	78	9.5	8.4	4
1230.0	16.9	262	7.8	79	9.5	8.3	4
1234.0	16.9	263	7.8	79	9.6	8.3	4
1238.0	16.9	262	7.8	78	9.7	8.3	4
1242.0	17.0	261	7.8	78	9.6	8.4	4
1246.0	16.6	261	7.7	80	9.7	8.5	4
1250.0	17.8	263	7.7	80	9.7	8.5	4
1254.0	17.7	262	7.8	79	9.6	8.4	4
1258.0	16.8	260	7.8	78	9.5	8.4	4
1262.0	17.1	260	7.8	78	9.5	8.4	4
1266.0	17.6	260	7.9	77	9.4	8.4	4
1270.0	18.1	261	7.9	77	9.5	8.3	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
914.0			7.7	87	11.0	10.7	
918.0			7.6	88	11.0	10.5	
922.0			7.6	87	11.1	10.9	
926.0			7.7	87	11.1	10.9	
930.0			7.7	88	11.1	10.0	
934.0			7.6	90	11.0	10.1	
938.0			7.6	91	11.0	10.7	
942.0			7.7	90	11.1	10.9	
946.0			7.7	88	11.2	10.3	
950.0			7.7	88	11.3	9.4	
954.0			7.6	88	11.1	10.0	
958.0			7.6	89	11.0	10.8	
962.0			7.6	88	10.9	10.6	
966.0	16.5	263	7.7	88	11.0	10.5	1
970.0			7.7	89	10.9	10.7	
974.0			7.6	89	10.9	11.2	
978.0			7.7	89	11.0	12.0	
982.0	16.3	261	7.7	90	10.9	12.7	1
986.0	15.9	257	7.7	89	10.6	11.9	1
990.0			7.7	88	10.4	11.8	
994.0	14.4	254	7.7	85	10.2	11.8	1
998.0			7.8	85	10.3	10.9	
1002.0			7.8	84	10.3	10.1	
1006.0			7.8	82	9.8	10.2	
1010.0			7.7	83	9.7	11.1	
1014.0			7.7	83	10.0	11.3	
1018.0			7.7	84	10.3	11.5	
1022.0			7.8	86	10.3	12.0	
1026.0			7.9	84	9.8	12.4	
1030.0			7.9	81	9.6	12.2	
1034.0			8.0	80	9.6	12.1	
1038.0	8.8	249	8.0	79	9.6	12.6	1
1042.0			7.9	81	9.8	12.7	
1046.0			7.9	83	10.1	12.6	
1050.0			7.8	82	10.1	12.4	
1054.0			7.8	81	9.7	11.8	
1058.0	15.1	262	7.8	82	9.6	11.1	1
1062.0			7.7	82	9.4	11.1	
1066.0			7.8	82	9.4	11.7	
1070.0	12.0	275	7.8	82	9.6	12.1	1
1074.0	14.4	259	7.8	81	9.7	12.3	1
1078.0			7.8	80	9.5	12.1	
1082.0			7.8	80	9.4	11.4	
1086.0			7.8	82	9.6	11.5	
1090.0			7.8	81	9.7	12.5	

Schlumberger

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*---------SCHLUMBERGER--------*
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DIPMETER

CLUSTER

CALCULATION

LISTING

GREAT BASIN PETROLEUM

WEST ASHLEY G-21

WILDCAT

UINTA , UTAH

RUN NO. ONE JOB NO. 4035

CORRELATION LENGTH 8 FT.

STEP LENGTH 4 FT.

SEARCH ANGLE 75 DEG. X1

28-JAN-78

Schlumberger

GREAT BASIN PETROLEUM WEST ASHLEY G-21 PAGE 1 FILE 1

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
554.0	16.7	265	6.4	86	13.9	11.3	4
558.0	14.7	258	6.5	87	14.3	11.4	4
562.0	17.8	266	6.6	87	14.6	11.2	4
566.0	17.5	268	6.5	88	14.8	11.1	4
570.0	17.6	267	6.5	88	14.7	11.2	4
574.0	17.4	267	6.5	88	14.7	11.2	4
578.0	16.2	268	6.5	87	14.8	11.2	4
582.0			6.5	87	15.0	11.3	
586.0	16.1	290	6.6	86	15.1	11.3	4
590.0	17.4	284	6.6	84	15.3	11.7	4
594.0	17.7	262	6.6	84	15.6	12.3	2
598.0	16.5	286	6.6	85	15.7	11.7	4
602.0	16.4	286	6.6	87	15.4	10.9	4
606.0	16.7	267	6.6	87	15.1	10.7	4
610.0	17.7	266	6.6	88	15.1	10.5	4
614.0	17.2	265	6.6	88	15.1	10.6	4
618.0	16.6	263	6.7	88	15.2	10.8	4
622.0	16.2	261	6.7	89	15.3	11.0	4
626.0	16.3	262	6.7	89	15.4	11.2	4
630.0	15.0	266	6.7	89	15.4	11.1	2
634.0	19.1	263	6.7	89	15.3	10.9	4
638.0	19.1	261	6.7	88	15.2	10.8	4
642.0	17.6	265	6.7	89	14.9	10.4	4
646.0	16.3	270	6.8	89	14.7	9.9	4
650.0	16.0	268	6.8	88	14.7	9.5	4
654.0	16.2	268	6.9	88	14.6	9.4	4
658.0	16.7	267	7.0	88	14.6	9.4	4
662.0	15.9	266	7.1	88	14.7	9.4	4
666.0	18.2	265	7.1	88	14.6	9.4	4
670.0	19.0	262	7.1	88	14.5	9.3	4
674.0	16.0	266	7.2	87	14.4	9.3	4
678.0	15.7	264	7.2	87	14.3	9.4	4
682.0	16.0	263	7.3	86	14.3	9.6	4
686.0	15.9	267	7.3	86	14.5	10.0	4
690.0	16.0	266	7.4	86	14.7	10.2	4
694.0	16.8	265	7.4	87	14.7	10.4	4
698.0	17.9	268	7.5	87	14.3	10.6	4
702.0	16.8	267	7.4	86	14.0	10.4	4
706.0	16.2	267	7.4	87	13.8	10.3	4
710.0	16.7	268	7.5	88	13.6	10.5	4
714.0	16.6	266	7.4	87	13.5	10.6	4
718.0	16.4	265	7.5	86	13.7	10.6	4
722.0	16.7	261	7.5	84	13.9	10.8	4
726.0	16.9	259	7.5	83	13.6	10.8	4
730.0	16.4	263	7.5	84	13.2	10.7	4

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =4
734.0	16.3	263	7.5	85	13.1	10.7	4
738.0	16.2	262	7.5	83	12.9	10.8	4
742.0	16.1	262	7.5	84	12.7	10.6	4
746.0	16.2	262	7.5	86	12.5	10.6	4
750.0	17.0	262	7.5	87	11.9	10.7	4
754.0	17.0	264	7.5	87	11.0	10.7	4
758.0	17.2	261	7.4	85	10.9	10.8	4
762.0	17.1	260	7.5	86	11.0	10.9	4
766.0	16.8	264	7.6	88	11.0	11.0	4
770.0	16.9	263	7.6	87	11.1	11.0	4
774.0	16.7	263	7.6	86	11.2	11.2	4
778.0	16.5	263	7.6	87	11.2	11.3	4
782.0	16.3	263	7.6	87	11.0	11.3	4
786.0	17.3	263	7.6	87	11.0	11.5	4
790.0	17.6	263	7.6	86	11.1	11.6	4
794.0	17.2	264	7.7	86	10.9	11.3	4
798.0	17.2	262	7.6	86	10.8	11.0	2
802.0	17.2	261	7.7	87	10.8	11.0	2
806.0	16.2	263	7.7	87	10.8	11.2	4
810.0	15.7	264	7.7	87	10.8	11.3	4
814.0	14.8	261	7.7	87	10.8	11.3	4
818.0	15.7	262	7.8	87	10.8	11.2	4
822.0	16.6	264	7.8	87	10.8	11.1	4
826.0	16.8	263	7.8	86	10.8	11.1	2
830.0	17.7	268	7.8	87	10.8	11.2	2
834.0	19.1	269	7.8	87	10.8	11.2	4
838.0	14.9	260	7.8	87	10.9	11.1	4
842.0	15.5	259	7.8	86	11.0	11.1	4
846.0	14.2	263	7.8	86	11.0	11.1	4
850.0	12.1	254	7.9	86	10.9	11.1	4
854.0			7.9	85	10.9	11.1	
858.0			7.8	85	10.9	11.1	
862.0	13.2	251	7.8	85	10.8	11.1	2
866.0	16.4	265	7.8	86	10.8	11.0	4
870.0	17.9	265	7.8	86	10.8	10.9	2
874.0			7.8	85	10.8	10.8	
878.0			7.7	85	10.7	10.7	
882.0	80.7	223	7.7	86	10.7	10.9	1
886.0	16.1	264	7.7	86	11.0	11.8	1
890.0	16.0	267	7.7	87	11.1	12.3	3
894.0	15.3	263	7.7	86	11.0	11.9	3
898.0	14.0	263	7.8	86	11.1	11.7	1
902.0	16.4	292	7.8	86	11.0	11.5	1
906.0	60.1	74	7.8	87	10.8	11.2	1
910.0	60.4	75	7.7	88	10.9	10.8	3

Schlumberger

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.)

RECEIVED MAR 6 1978 DIVISION OF OIL, GAS & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER Exploratory well

2. NAME OF OPERATOR
Great Basins Petroleum Co.

3. ADDRESS OF OPERATOR
304 Republic Bldg., Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SW NE (1959'FNL, 1994'FEL) Sec. 21
At total depth
1754'FNL, 1260'FEL Sec. 21

5. LEASE DESIGNATION AND SERIAL NO.
State of Utah, ML-26683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
State of Utah

9. WELL NO.
West Ashley G-21

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-5S-22E

12. COUNTY OR PARISH: Uintah
13. STATE: Utah

14. PERMIT NO.
API #43-047-30329

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5099'GR 5112 KB

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*	☐	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.)*

Driller's T.D. 5475', Schlumberger T.D. 5471'. Rig released Jan. 28, 1978.

Electric log tops:

Mancos -	Surface	Salt Wash -	2806	Chinle -	4373
Frontier -	1783	Curtis -	2996	Moenkopi -	4597
Mowry -	2018	Entrada -	3206	Phosphoria -	5199
Dakota -	2153	Carmel -	3451	Weber -	5351
Morrison -	2274	Nugget -	3583	T.D. -	5475

DST #1: 2163-2178' (Frontier), open 5 min., shut in 30 min., open 60 min., shut in 120 min. Opened with strong blow, dead in 35 min. No gas to surface. Recovered 470' mud cut fresh water. IHP 1014, first flow IFP 107, FFP 187, SIP 908; second flow IFP 240, FFP 267, SIP 854, FHP 1014.

DST #2: Straddle 5334-5382 (Phosphoria-Weber), open 2 min., shut in 30 min., open 120 min., shut in 180 min. Opened with strong blow, nearly dead at end. Recovered 650' slightly water cut mud, 4190' fresh water. IHP 2699, first flow IFP 172, FFP 172, SIP 2205, second flow IFP 209, FFP 2129, SIP 2205, FHP 2661.

Ran Schlumberger Dual Induction Laterolog, Compensated Neutron Formation Density and Borehole Compensated Sonic-Gamma Ray and Dipmeter surveys. All logs run from T.D. to surface casing shoe.

Plugged per State instructions: #1, 5400-5300, 30 sx, #2, 4363-4263, 43 sx, #3, 2325-2225, 58 sx, #4, 2068-1968, 59 sx, #5, 570-470, 59 sx, filled top with 10 sx, erected dryhole marker.

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

SIGNED R. E. Hayward TITLE Regional Exploration Manager DATE February 23, 1978

(This space for Federal or State office use)

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 6-1-78
BY:

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

*See Instructions on Reverse Side

GREAT BASINS PETROLEUM CO.

304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

(303-534-5660)

February 28, 1978

CONFIDENTIAL

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Gentlemen:

Re: Well No. West Ashley G-21
Sec. 21, T5S, R22E
Uintah County, Utah

Enclosed in triplicate is the Sundry Notices and Reports on Wells for the aforementioned well to advise you of its abandonment. Also enclosed are the logs and surveys mentioned in said report.

Very truly yours,

R. E. Hayward

R. E. Hayward

ab
encs.

RECEIVED
MAR 6 1978
DIVISION OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: March 6, 1978
BY: D. L. Russell

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

August 23, 1978

Great Basins Petroleum Co.
304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

RE: West Ashley Valley G-21
Sec. 21, T. 5S, R. 22E
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge
Typist

Release date: 8-28-78

Form OGC-3

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

~~CONFIDENTIAL~~

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Exploratory Well

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Abandoned

2. NAME OF OPERATOR: Great Basins Petroleum Co.

3. ADDRESS OF OPERATOR: 304 Republic Bldg., 1612 Tremont Place, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: SW NE (1959' FNL, 1994' FEL) Sec. 21
At top prod. interval reported below: 1754' FNL, 1260' FEL Sec. 21
At total depth:

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah, MC-26683
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT AGREEMENT NAME: N/A
8. FARM OR LEASE NAME: State of Utah
9. WELL NO.: West Ashley G-21
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21-5S-22E

~~CONFIDENTIAL~~

14. PERMIT NO.: API #43-047-30329 DATE ISSUED: 12/27/77
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

15. DATE SPUDDED: 12/2[illegible] 16. DATE T.D. REACHED: 1/27/78 17. DATE COMPL. (*Ready to prod.*): 1-28-78 P&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5099' GR 19. ELEV. CASINGHEAD: 5112' KB

20. TOTAL DEPTH, MD & TVD: 5475' 21. PLUG, BACK T.D., MD & TVD: 22. IF MULTIPLE COMPL., HOW MANY*: 23. INTERVALS DRILLED BY: → ROTARY TOOLS: CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Plugged and Abandoned

25. WAS DIRECTIONAL SURVEY MADE:

26. TYPE ELECTRIC AND OTHER LOGS RUN: Schlumberger Dual Induction Laterolog, Comp. Neutron Formation Density & Borehole Comp. Sonic-G R and Dipmeter Surveys

27. WAS WELL CORED:

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"	40# K-55	520' KB		Used 300 sx Class G 3% $CaCl_2$ ¼" Celloflake Cement. Good returns to surface.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED J. L. Fusselman TITLE Operations Manager DATE Sept. 6, 1978

*(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.
DST #1:			2163-2178' (Frontier), open 5 min., shut in 30 min., open 60 min., shut in 120 min. Opened with strong blow, dead in 35 min. No gas to surface. Recovered 470' mud cut fresh water. IHP 1014, first flow IFP 107, FFP 187, SIP 908, second flow IFP 240, FFP 267, SIP 854, FHP 1014.
DST #2:			Straddle 5334-5382 (Phosphoria-Weber), open 2 min., shut in 30 min., open 120 min., shut in 180 min. Opened with strong blow, nearly dead at end. Recovered 650' slightly water cut mud, 4190' fresh water. IHP 2699, first flow IFP 172, FFP 172, SIP 2205, second flow IFP 209, FFP 2129, SIP 2205, FHP 2661.
			Ran Schlumberger Dual Induction Laterolog, Comp. Neutron Formation Density and Borehole Comp. Sonic - G R and Dipmeter surveys. All logs run from T.D. to surface casing shoe. Plugged per State instructions: #1 5400-5300 30 sx., #2 4363-4263 43 sx., #3 2325-2225 58 sx., #4 2068-1968 59 sx. #5 570-470 59 sx., filled top with 10 sx., erected dryhole marker.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Mancos	Surface	
Frontier	1783	
Mowry	2018	
Dakota	2153	
Morrison	2274	
Salt Wash	2806	
Curtis	2996	
Entrada	3206	
Carmel	3451	
Nugget	3583	
Chinle	4373	
Moenkopi	4597	
Phosphoria	5199	
Weber	5351	
T. D.	5475	