FILE NOTATIONS

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

Checked by Chief PWB
Approval Letter 8-14-73
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 9-73

Location Inspected .....

W..... WW..... TA.....
GW..... OS..... PA. ✓

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log..... ✓
Electric Logs (No.) NLR

E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

Utah Div of Oil & Gas Conservation
1588 W. No. Temple, SLC 84116

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-21742 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: No

7. UNIT AGREEMENT NAME: No

8. FARM OR LEASE NAME: No

9. WELL NO.: MCDONALD #1-23

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 23, T.20S, R.19W Salt Lake Base Meridia

12. COUNTY OR PARISH: Millard Co. 13. STATE: Utah

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER — SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: Larry A. Newman

3. ADDRESS OF OPERATOR: P.O. Box 143 Ely, Nevada 89301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1983' FNL & 1983.15' FEL Sec 23 See attached map SW NE
At proposed prod. zone: SWNE

RECEIVED JUL 27 1973 U.S. GEOLOGICAL SURVEY SALT LAKE CITY, UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: N. A.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 661.45'

16. NO. OF ACRES IN LEASE: ~~2,520~~ 40

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

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

19. PROPOSED DEPTH: 9,000 ft.

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5017' GR.

22. APPROX. DATE WORK WILL START*:

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	9⅝"	40.0 lbs.	1,000 ft.	350 sxs. (or to surface)

0-1,000' - Drill 12¼" hole using lightly treated gel/water drilling fluid with 50-60 sec./qt. viscosity. Set 1,000' of 9⅝" casing and cement with approx. 350 sxs. Class A. cement.

1,000'-T.D. - Drill 7⅞" hole using lightly treated gel/water drilling fluid. Will core and drill-stem test any promising formations. A 13⅝" 1,500 series 5,000 lb. test Blowout Preventor with hydraulic rams will be in use below 1,000'. Purpose of well is to test formations known as the Tertiary Lake Sediments.

AOK

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: Larry A Newman TITLE: Operator DATE: 25 July 1973

(This space for Federal or State office use)

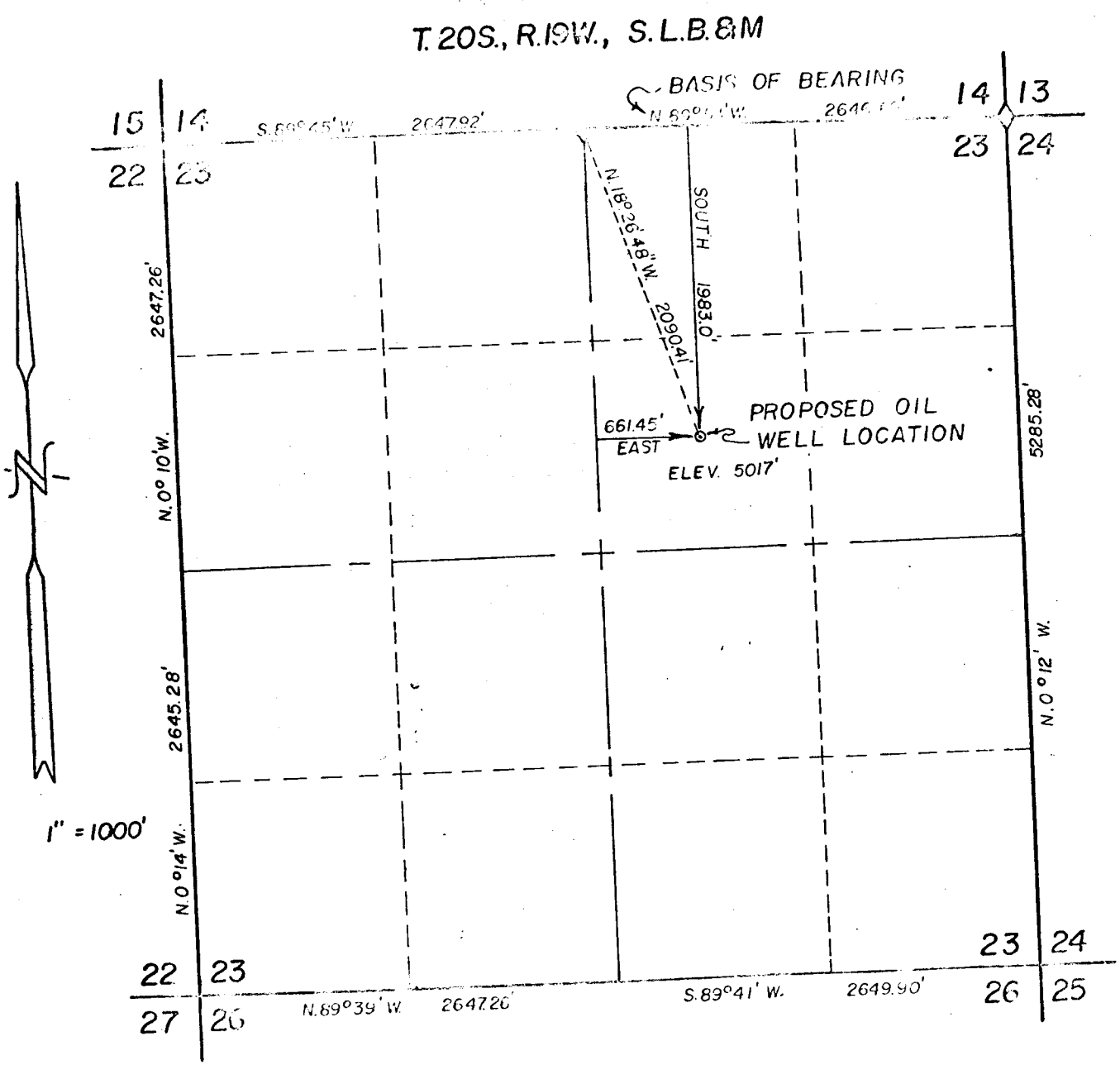
PERMIT NO. 43-027-30007 APPROVAL DATE: AUG 2 - 1973

APPROVED BY: TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

SUBJECT TO ATTACHED CONDITIONS

*See Instructions On Reverse Side



CERTIFICATION

I, Wallace T. Boundy, do hereby, certify that this plat is a true and accurate map of the survey made under my supervision and direction between the 24th. and 25th. days of July, 1973.

Wallace T. Boundy

Wallace T. Boundy
Licensed Land Surveyor
Nevada No. 2518

MAP SHOWING

LARRY A. NEWMAN'S

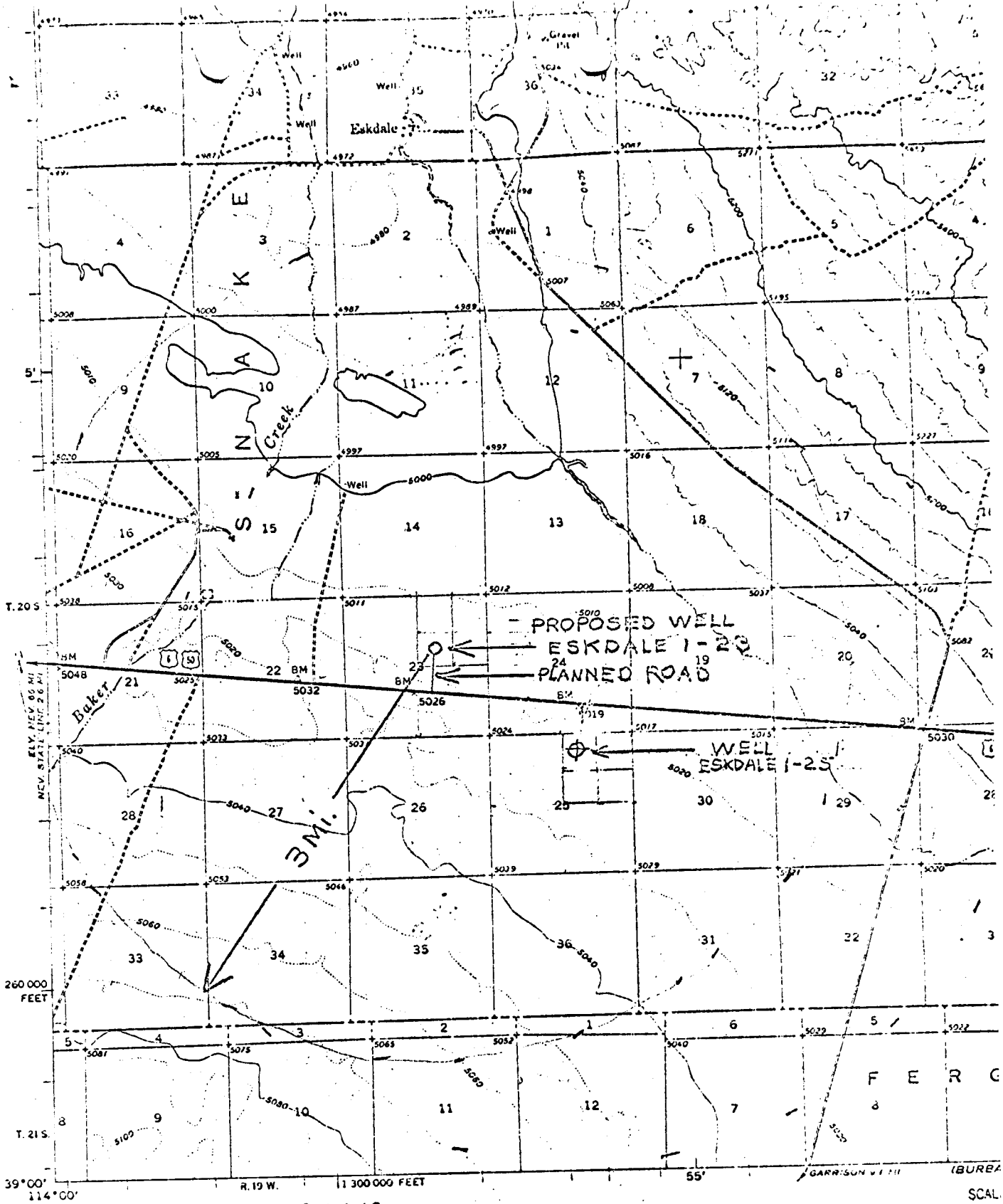
ESKDALE 1-23

OIL WELL LOCATION

MILLARD COUNTY, UTAH

PLAT PREPARED BY

BOUNDY & FORMAN INC.
ELY, NEVADA



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1953 and planetable surveys 1960

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Dashed land lines indicate approximate locations
Where omitted, land lines have not been established

16½°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1960

SCAL

CONTOUR IN
DOTTED LINES REPRI
DATUM IS

THIS MAP COMPLIES WITH NA
FOR SALE BY U S GEOLOGICAL SURVEY, D
A FOLDER DESCRIBING TOPOGRAPHIC

August 14, 1973

Larry A. Newman
Box 143
Ely, Nevada 89301

Re: Well No. Eskdale Fed. #1-23
Sec. 23, T. 20 S, R. 19 W,
Millard County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

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

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-027-30007.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

Larry Newman 1-23 Fed.
T.D. 7373'
190' of 13 3/8 surface pipe
1 1/2 hr → 3153 - 7 7/8 hole
4500 to 5000 = lost circulation (minor)
4100 - all lake sediments
4100 to 7300 - all hard Dolomite
6640 - Eureka quartz - hard dense SS
7000 To T.D. shale + lime (Pogonip formation)
No significant shows of water or hydrocarbons.
↳ below 100'
(1) 100' cement plug across top of Eureka
(2) 100' " " above 4500'
(3) 100' cement plug base surface pipe - 75% inside pipe
(4) 10 sk/marks — mud between plugs.

9/21/73

PWB

ORAL APPROVAL TO PLUG AND ABANDON WELL

LARRY A. Nowman.

1-23 ~~U 21742A~~ 23 20S 19W

U 21742 A WC Millard Co. Utah

None None noted

7373 7 7/8

13 3/8 190 ~~#~~ 85sx 5200 5100 35sx

4000 - 3900 35 sx

200 - 100 50 sx

Silurian.. 4100 surface 5 w/mkr.

Eureka .. 6660

Pogonip(sh). 7100 (ordovician)

Lehman.. 7100

None - No shows. 5000.

Gerald R. Daniels 9-21-73 11:00

STATE

43-027-30007

Form 9-593
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 23
T. 20S
R. 19W
SLB S.L. Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND: Date December 20, 1973 Ref. No. 3

Land office Utah State Utah

Serial No. 21742-A County Milliard

Lessee Larry A. Newman Field Wildcat

Operator Larry A. Newman District Salt Lake City

Well No. 1-23 Subdivision NENE SWNE

Location 1983' FNL and 1985' FEL

Drilling approved Aug. 10, 19 73 Well elevation 5017 Gr., 5026 DF feet

Drilling commenced Aug. 11, 19 73 Total depth 7373 feet

Drilling ceased Sep. 21, 19 73 Initial production Dry

Completed for production Dec. 27, 19 73 Gravity A. P. I.

Abandonment approved ____, 19____ Initial R. P.

Geologic Formations		Productive Horizons		
Surface	*Lowest tested*	*Name*	*Depths*	*Contents*
Bonneville Lake Beds	Leaman			

WELL STATUS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1973								DRLG	A&D			P&A

REMARKS Casing Record:
13 3/8" cc @ 190' w/75 sx

Geologic Tops:

Valley Fill	surface
Tertiary Lake Sediments	95
Eureka	6660
Leaman	7040

(ORIGINAL & REPLACEMENT)

U.S. GOVERNMENT PRINTING OFFICE : 1964—O-746-789
893-866

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (Other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR: Larry A. Newman

3. ADDRESS OF OPERATOR: P.O. Box 143 Ely, Nevada 89301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1983' FNL & 1985.15 FEL Sec 23 - 20S - 19W
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-21742 A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NO
7. UNIT AGREEMENT NAME: NO
8. FARM OR LEASE NAME: NO
9. WELL NO.: ESKDALE #1-23
10. FIELD AND POOL, OR WILDCAT: wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 23, T. 20S R19W S.L. Base Meridian
12. COUNTY OR PARISH: MILLARD CO
13. STATE: UTAH

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED: AUG 11, 1973
16. DATE T.D. REACHED: Sept 21, 1973
17. DATE COMPL. (Ready to prod.): NA.
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5013 GR. 5026 DF
19. ELEV. CASINGHEAD: N/A

20. TOTAL DEPTH, MD & TVD: 7373
21. PLUG, BACK T.D., MD & TVD: PLUG
22. IF MULTIPLE COMPL., HOW MANY*: NA
23. INTERVALS DRILLED BY: → ROTARY TOOLS ✓ CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: NA
25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: NA
27. WAS WELL CORED: NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	38	190	17 1/4	75 sks	NL

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number): NONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NONE	

PRODUCTION

33.* 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 Larry A. Newman TITLE OPERATOR DATE OCT 29, 1973

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

Valley Fill	0-95
Tertiary Lake Sediments	95-4100'
Eureka Quartzite	6660-7040
Leadville Formation	7040-7373'

FORM OGC-8-X
FILE IN QUADRUPLICATE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Estdale #1-23-API #43-027-30007

Operator Larry A. Newman

Address P. O. Box 143
Ely, Nevada 89301

Contractor Calvert Western Expl. Co

Address Tulsa, Okla.

Location SW 1/4, NE 1/4, Sec. 23, T. 20 S, R. 19 W, Millard County.

Water Sands:

	Depth: From - To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	50' - ?	300+ gpm	Fresh
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops: unknown

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

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO. U-21742 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME NO

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. UNIT AGREEMENT NAME NO

2. NAME OF OPERATOR Larry A. Newman

8. FARM OR LEASE NAME NO

3. ADDRESS OF OPERATOR P.O. Box 143, Ely, Nevada 89301

9. WELL NO. Eskdale #1-23

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1983' FNL + 1985.15' FEL Sec. 23 T20S, R19W.

10. FIELD AND POOL, OR WILDCAT wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T20S R19W S.L. Base Meridian

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5017 Gr., 5026 DF

12. COUNTY OR PARISH MILLARD CO.

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*	[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.)*

On Sept. 22, 1973, because objective formations were tested and found to be barren of commercial oil + gas possibilities, it was decided to plug and abandon Eskdale well #1-23. The well was plugged as per instructions from U.S.G.S. and Utah Oil + Gas Commission as follows:

1. Cement plug: 35 sxs. at 5000'
2. Cement plug: 35 sxs. at 3200'
3. Cement plug: 50 sxs. at 200' - (bottom of 13 3/8" surface casing, 1/2 in and 1/2 out
4. Cement plug: 5 sxs. at surface and proper monument and marker

Location was cleaned for final inspection on Nov. 21, 1973

Formation Tops were as follows: 0-100' - Valley Fill, 100'-4100' - Tertiary Lake:
4100' - 6660' - ? Dolomite, 6660' - 7040' - Eureka Quartzite,
7040' - 7373' - Ordovician Pogonip Group.
water sands were encountered at aprox. 50 ft.

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

SIGNED Larry A. Newman TITLE Operator DATE Dec. 27, 1973

(This space for Federal or State office use)

APPROVED BY [signature] TITLE DISTRICT ENGINEER DATE DEC 27 1973

CONDITIONS OF APPROVAL, IF ANY:

INSPECTED 11-29-73 by BLM
LOCATION SATISFACTORY BLM cleared 12/17/73

*See Instructions on Reverse Side

April 9, 1974

Larry A. Newman
Box 143
Ely, Nevada 89301

Re: Well No. Eskdale Fed. #1-23
Sec. 23, T. 20 S, R. 19 W,
Millard County, Utah

Gentlemen:

This letter is to advise you that the "Well Completion or Recompletion Report and Log" and electric and/or radioactivity logs for the above referred to well are due and have 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. If electric and/or radioactivity logs were not run, please make a statement to this effect in order to keep our records accurate and complete.

Your cooperation in this matter will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
EXECUTIVE SECRETARY

:sd

April 18, 1974

Mr. Larry A. Newman
P. O. Box 143
Ely, Nevada 89307

Re: Well No. Eskdale #1-25, Sec. 25, and
Well No. Eskdale #1-23, Sec. 23, of
T. 20 S, R. 19 W, Millard County, Utah

Dear Mr. Newman:

In reviewing our files for the above referred to wells, the Division finds that you are delinquent in submitting the necessary reports to complete said files.

With reference to the Executive Secretary's letters dated September 19, 1973, and April 9, 1974, this office is again requesting that you submit detailed geologic data as well as any well surveys that were conducted. In addition, it will be necessary to send us the "Well Completion or Re-Completion Report and Log" and a report of water encountered during drilling, particularly on the #1-23 well. Please be advised that no further approvals to drill can be granted for any new wells until this information is forwarded to us.

Your cooperation with respect to this request will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:lp

cc: U. S. Geological Survey

Needle Exploration Company, Inc.
P.O. Box 143
Ely, Nevada 89301
(702) 289-2508

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

April 19, 1974

Dear Ms. DeRose:

In reply to your letter of April 9, 1974, please be advised that no electric and/or radioactivity logs were run on Well No. Eskdale Fed. #1-23, Sec. 23, T. 20 S, R. 19 W, Millard County, Utah.

Sincerely,

Mrs. Larry A. Newman

Mrs. Larry A. Newman

:bn

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No. #U-21742

6. If Indian, Allottee or Tribe Name: No

7. Unit Agreement Name: —

8. Farm or Lease Name: —

9. Well No. API # 43-027-30007 Estdale #1-23

10. Field and Pool, or Wildcat: Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

1a. Type of Work: DRILL ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well: Oil Well ☐ Gas Well ☐ Other Single Zone ☐ Multiple Zone ☐

2. Name of Operator: Larry A. Newman

3. Address of Operator: P. O. Box 143, Ely, Nevada 89301

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: SW 1/4 NE 1/4 Sec 23, T 20 S R. 19 W Millard Co.
At proposed prod. zone

12. County or Parrish: Millard 13. State: Ut.

14. Distance in miles and direction from nearest town or post office*: N.A.

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 661, 45'

16. No. of acres in lease: 40

17. No. of acres assigned to this well: 40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: N.A.

19. Proposed depth: T.D. 7373'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 5017 gr.

22. Approx. date work will start*: —

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/4"	13 3/8"	38#	190	75 sks
12 1/4 to 3134' None	—		—	—
7 7/8 to 7373' None	—		—	—

No Shows encountered

No Logs run

P+A: plug #1 - 35 sks at 5000'
" #2 - 35 " at 3200'
plug #3 - 50 sks at 200'
" #4 - 5 sx at surface + marker

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: Larry A. Newman Title: Operator Date: 6 May 74

(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

ESKDALE PROSPECT
MILLARD COUNTY, UTAH

COMPANY: LARRY A. NEWMAN
WELL No: ESKDALE 1-23
LOCATION: SW¼ NE¼, Section 23, T. 20 S., R. 19 W., SLBM., Millard County, Utah.
ELEVATION: 5017 ' Ground, 5026' DF., 5027' RT.

COMMENCED DRILLING: August 11, 1973
COMPLETED DRILLING: September 21, 1973
PLUGGED & ABANDONED: September 22, 1973
TOTAL DEPTH: 7373'

Hole Size		Pipe Used
17¼"	From 0' to 190'	190' of 13 3/8", 38 lb. casing, cemented with 75 sacks.
12¼"	From 190' to 3134'	None
7 7/8"	From 3134' to 7373'	None

Service Companies

Drilling Contractor: Calvert Western Exploration Company, Tulsa, Oklahoma.
Tool Pusher : Howard Leach.
Drillers : Terry Leach, George Bohnet, Gary Bohnet.
Rig No. 35 : Emsco '500'.

Mud Company : Nova Mud Corporation, Ely, Nevada.

Mud Logging Co. : Sentry Engineering Co., Denver, Colorado.

Cementing Company : Dowell, Vernal, Utah.

Geologist : Wilburn J. Gould, Chico, California.

Drill Stem Testing : No tests were made.

Coring : No cores were taken.

Formation Logging : No logs were run.

BIT RECORD -- ESKDALE 1-23

Bit No.	Size	Brand-Type	Depth-in	Depth-out	Hours	Footage
1.	12¼"	HTC OSC 3A	0'	227'	4	227'
2.	17¼"	Reed Reamer	0'	190'	5	190'
3.	12¼"	R.R. # 1	227'	1308'	21½	1081'
4.	12¼"	HTC OSC 3AJ	1308'	1946'	29	638'
5.	12¼"	Smith K2HJ	1946'	2276'	25½	330'
6.	12¼"	HTC OSC 1GJ	2276'	2546'	22	270'
7.	12¼"	R.R. # 1	2546'	2696'	17	150'
8.	12¼"	Smith K2HJ	2696'	2917'	32	221'
9.	12¼"	Smith C2HJ	2917'	3134'	41½	217'
10.	7 7/8"	HTC OW4J	3134'	3368'	30½	234'
11.	7 7/8"	R.R. Smith 3JS	3368'	3884'	46	516'
12.	7 7/8"	Smith 3JS	3884'	4396'	45	512'
13.	7 7/8"	HTC X44	4396'	4775'	30	379'
14.	7 7/8"	Smith F5	4775'	5614'	106	839'
15.	7 7/8"	Smith F4	5614'	6138'	54	524'
16.	7 7/8"	Smith F5	6138'	6684'	62	546'
17.	7 7/8"	HTC WD7J	6684'	6687'	1½	3'
18.	7 7/8"	HTC X55J	6687'	6700'	5½	13'
19.	7 7/8"	Smith 9JS	6700'	6815'	34	115'
20.	7 7/8"	Smith 9JS	6815'	6890'	19	75'
21.	7 7/8"	Smith 9JS	6890'	6932'	10½	42'
22.	7 7/8"	Smith F57	6932'	6973'	4 3/4	41'
23.	7 7/8"	Smith 9JS	6973'	7002'	12½	29'
24.	7 7/8"	Smith 9JS	7002'	7054'	19½	52'
25.	7 7/8"	Smith 5JS	7054'	7373'	76½	319'

DRIFT RECORD -- ESKDALE 1-23

Depth	Inclination °
200'	0°
816'	¼ °
1308'	¼ °
1946'	1 °
2276'	3 °
2546'	3/4 °
2696'	2¼ °
2917'	2 3/4°
3134'	2 °
3368'	1½ °
3884'	4½ °
4396'	6 3/4°
4775'	13 3/4°
5271'	14 °
5674'	11 °
6684'	9½ °
7373'	7 °

LITHOLOGIC LOG -- ESKDALE 1-23

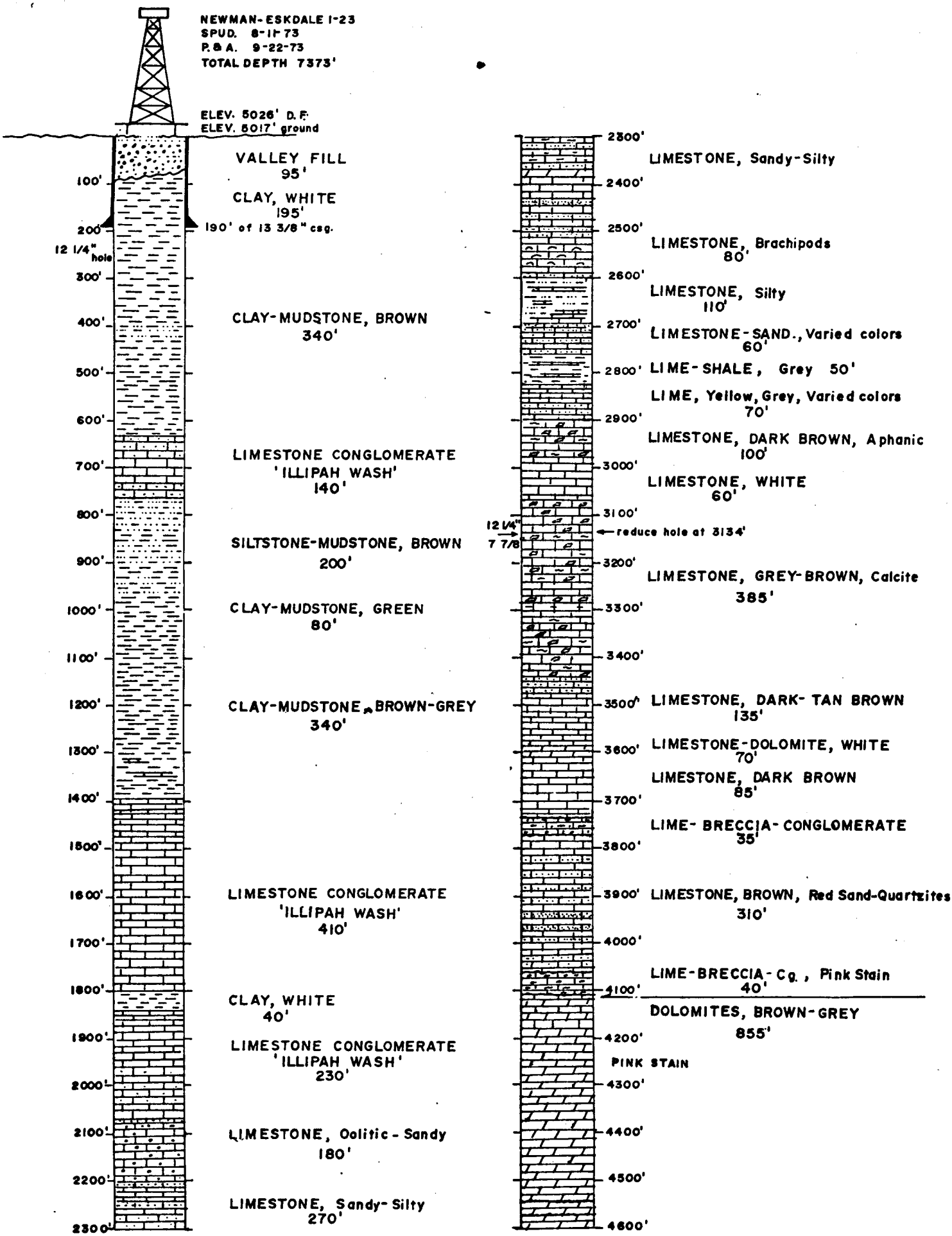
Depth	Thickness	Lithology
0' to 95'	95'	Valley Fill, sands and gravels.
95' to 290'	195'	Clay & Mudstone, White.
290' to 630'	340'	Clay & Mudstone, Brown.
630' to 770'	140'	Limestone Conglomerate, 'Illipah Wash'.
770' to 970'	200'	Siltstone-Mudstone, yellow-brown.
970' to 1050'	80'	Siltstone-Mudstone, green.
1050' to 1390'	340'	Mudstone, brown-grey.
1390' to 1800'	410'	Limestone Conglomerate, 'Illipah Wash'.
1800' to 1840'	40'	Clay, White.
1840' to 2070'	230'	Limestone Conglomerate, 'Illipah Wash'.
2070' to 2250'	180'	Limestone, Sandy & Oolitic.
2250' to 2370'	120'	Limestone, white-brown.
2370' to 2520'	150'	Limestone, brown, sandy-silty.
2520' to 2600'	80'	Limestone, dark brown, with brachiopods.
2600' to 2710'	110'	Limestone, silty.
2710' to 2770'	60'	Limestone, sandy, varied colors.
2770' to 2820'	50'	Limestone-Shale, grey.
2820' to 2845'	25'	Limestone, butterscotch yellow.
2845' to 2870'	25'	Limestone, grey.
2870' to 2890'	20'	Limestone, varied colors.
2890' to 2990'	100'	Limestone, dark brown, aphanic.
2990' to 3050'	60'	Limestone, white.
3050' to 3445'	385'	Limestone, light brown-grey, aphanic.
3445' to 3470'	35'	Limestone, dark brown, sandy.
3470' to 3510'	40'	Limestone, light tan-brown.
3510' to 3570'	60'	Limestone, dark brown, aphanic.
3570' to 3640'	70'	Limestone-Dolomite, white.
3640' to 3650'	10'	Limestone, dark brown.
3650' to 3670'	20'	Limestone, light tan-brown to white.
3670' to 3725'	55'	Limestone, very dark brown.
3725' to 3760'	35'	Limestone, silty, with breccia-conglomerate.
3760' to 3940'	180'	Limestone, light-dark brown, with red quartzites.
3940' to 3960'	20'	Limestone, with red & pink sands-quartzites.
3960' to 4070'	110'	Limestone, light brown.
4070' to 4110'	40'	Limestone, dark brown, with pink breccia-conglomerate.
4110' to 4340'	230'	Dolomite-Limestone, light tan-brown with pink stain.
4340' to 4460'	110'	Dolomite, light tan-grey.
4460' to 4540'	80'	Dolomite, blue-grey.
4540' to 4560'	20'	Dolomite, dark brown-yellow brown.
4560' to 4625'	65'	Dolomite, tan-brown to cream white.
4625' to 4660'	35'	Dolomite, blue-grey.
4660' to 4780'	120'	Dolomite, dark grey-dark brown.
4780' to 4875'	95'	Dolomite, medium grey- medium brown.
4875' to 4880'	5'	Dolomite-Shale, dark brown to black.
4880' to 4965'	85'	Dolomite, light grey-tan brown.
4965' to 5060'	95'	Dolomite, white-cream-tan, with breccia.
5060' to 5110'	50'	Dolomite, light tan-brown, yellow stained, with breccia.

Lithologic Log -- Eskdale 1-23

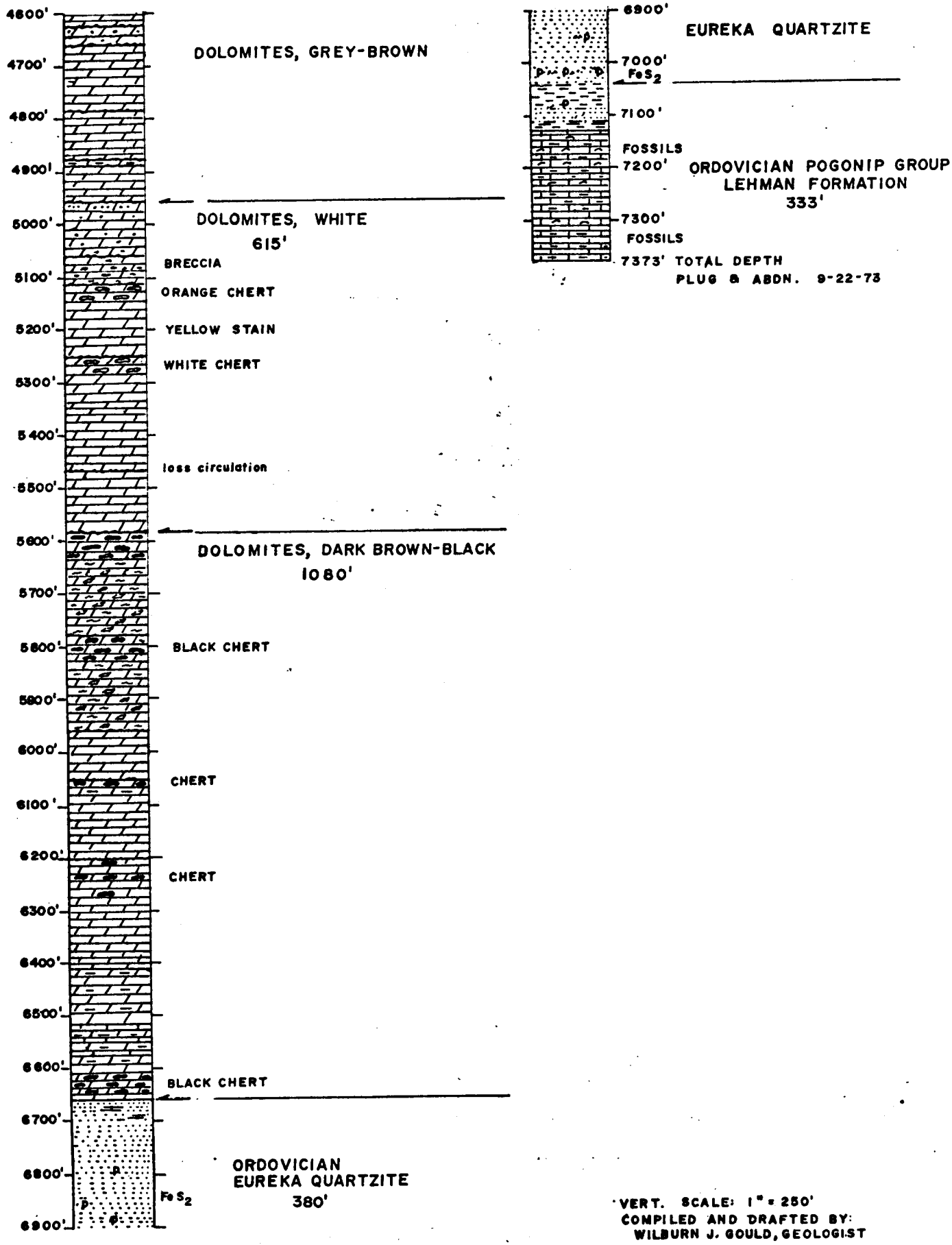
Depth	Thickness	Lithology
5110' to 5140'	30'	Dolomite, white, with orange chert.
5140' to 5250'	110'	Dolomite, white, with yellow stain.
5250' to 5280'	30'	Dolomite, white, with white chert.
5280' to 5360'	80'	Dolomite, white-tan.
5360' to 5470'	110'	Dolomite, white-white, vitreous.
5470' to 5580'	110'	Dolomite, white-tan.
5580' to 5620'	40'	Dolomite, dark brown, with brown-black chert.
5620' to 5960'	340'	Dolomite, very dark brown-black, with calcite.
5960' to 6050'	90'	Dolomite, medium to dark brown, granular.
6050' to 6150'	100'	Dolomite-Limestone, shaley, brown-grey-green-white.
6150' to 6200'	50'	Dolomite, light grey-tan.
6200' to 6270'	70'	Dolomite, dark brown-black, with chert.
6270' to 6410'	140'	Dolomite, medium tan-grey.
6410' to 6520'	110'	Dolomite-Limestone, dark brown to black.
6520' to 6660'	140'	Dolomite-Limestone, brown-black-grey alternating, Chert.
6660' to 7040'	380'	Sandstone-Quartzite, white, vitreous, silicious.
7040' to 7095'	55'	Shale, black, sandy, dolomitic.
7095' to 7110'	15'	Sandstone, white-grey-black, silicious.
7110' to 7373'	263'	Limestone-Shaley, black-grey-brown.

7373' TOTAL DEPTH

LITHOLOGIC LOG - ESKDALE 1-2



LITHOLOGIC LOG - ESKDALE 1-23



VERT. SCALE: 1" = 250'
COMPILED AND DRAFTED BY:
WILBURN J. GOULD, GEOLOGIST