Document Information Form

Mine Number: C/007/004

File Name: Incoming

To: DOGM

From:

Person N/A

Company N/A

Date Sent: N/A

Explanation:

REPORT OF WELL DRILLER.

cc:

File in:
C/ 007, 004, Incoming
Refer to:
- ☐ **Confidential**
- ☐ **Shelf**
- ☐ **Expandable**

Date _____ For additional information

Mine File
Water Monitor
007/004

Form 113—5M—12-60

Examined .....
Recorded: B. C. ..... T. B. .....
Inspection Sheet .....
Copied .....

REPORT OF WELL DRILLER
STATE OF UTAH

JUL 22 1988
DIVISION OF
OIL, GAS & MINING

Application No. .....
Claim No. .....
Coordinate No. .....

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:
Name CASTLE GATE COAL CO.
Address P.O. BOX 449 HELPER, UT.

(2) LOCATION OF WELL:
County CARBON Ground Water Basin ..... (leave blank)
North/South 1938.94 feet, East/West 747.05 feet from SW Corner
of Section 36, T 12 N/S, R 9 E SLBM/W USM (strike out words not needed)

(3) NATURE OF WORK (check):
New Well ☒ Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☐
If abandonment, describe material and procedure: .....

(4) NATURE OF USE (check):
Domestic ☐ Industrial ☐ Municipal ☐ Stockwater ☐
Irrigation ☐ Mining ☐ Other ☐ Test Well ☒

(5) TYPE OF CONSTRUCTION (check):
Rotary ☒ Dug ☐ Jetted ☐
Cable ☐ Driven ☐ Bored ☐

(6) CASING SCHEDULE:
Threaded ☐ Welded ☒
8" Diam. from 0 feet to 87 feet Gage 40
..." Diam. from ..... feet to ..... feet Gage .....
..." Diam. from ..... feet to ..... feet Gage .....
New ☒ Reject ☐ Used ☐

(7) PERFORATIONS:
Perforated? Yes ☐ No ☒
Type of perforator used .....
Size of perforations ..... inches by ..... inches
..... perforations from ..... feet to ..... feet
..... perforations from ..... feet to ..... feet
..... perforations from ..... feet to ..... feet
..... perforations from ..... feet to ..... feet
..... perforations from ..... feet to ..... feet

(8) SCREENS:
Well screen installed? Yes ☐ No ☒
Manufacturer's Name .....
Type ..... Model No. .....
Diam. ..... Slot size ..... Set from ..... ft. to .....
Diam. ..... Slot size ..... Set from ..... ft. to .....

(9) CONSTRUCTION:
Was well gravel packed? Yes ☐ No ☒ Size of gravel: .....
Gravel placed from ..... feet to ..... feet
Was a surface seal provided? Yes ☒ No ☐
To what depth? 0 - 77' feet
Material used in seal: GROUT SEAL
Did any strata contain unusable water? Yes ☐ No ☒
Type of water: ..... Depth of strata .....
Method of sealing strata off: .....

Was surface casing used? Yes ☐ No ☒
Was it cemented in place? Yes ☐ No ☐

(10) WATER LEVELS:
Static level 79 feet below land surface Date 7/14/88
Artesian pressure ..... feet above land surface Date .....

LOG RECEIVED:

(11) FLOWING WELL:
Controlled by (check) Valve ☐
Cap ☐ Plug ☐ No Control ☐
Does well leak around casing? Yes ☐ No ☐

(12) WELL TESTS:
Drawdown is the distance in feet the water level is lowered below static level.
Was a pump test made? Yes ☐ No ☒ If so, by whom? .....
Yield: ..... gal./min. with ..... feet drawdown after ..... hours
" ..... " ..... " ..... "
" ..... " ..... " ..... "
Bailer test ..... gal./min. with ..... feet drawdown after ..... hours
Artesian flow ..... g.p.m. Date .....
Temperature of water ..... Was a chemical analysis made? No ☐ Yes ☒

(13) WELL LOG:
Diameter of well 12 1/4 inches
Depth drilled 85' feet. Depth of completed well 85' feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH From	DEPTH To	Clay	Silt	Sand stone	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	Bedrock	Other	REMARKS
0	30			X							X	Fill Dirt & Sandstone Boulders
30	40			X						X		Broken Sandstone
40	60			X								Sandstone
60	70										X	Shale
70	85										X	Shale with sand & coal streamers
												85' Broke into old mine workings

Work started JUNE 21 1988 Completed July 14 1988

(14) PUMP:
Manufacturer's Name .....
Type: ..... H. P. .....
Depth to pump or bowles ..... feet

Well Driller's Stateme
This well was dri to the best of my knowle
Name Boyles (Person, firm,
Address 1707 So
(Signed) Will
License No. 215

File in:
☐ Confidential
☐ Shelf
☐ Expandable
Refer to Record No 0013 Date .....
In C/ 007, 004, Incoming
For additional information .....

USE OTHER SIDE FOR ADDITIONAL REMARKS

Mine File
Water Monitor
007/004

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Work started JUNE 21, 1988 Completed July 14, 1988

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Manufacturer's Name .....
Type: ..... H. P. .....
Depth to pump or bowles ..... feet

Well Driller's Statement:
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

Name BOYLES BROS. DRILLING CO. (Person, firm, or corporation) (Type or print)
Address 1707 So. 4490 W. SALT LAKE CITY
(Signed) William S. Copley (Well Driller)
License No. 215 Date July 19, 1988

USE OTHER SIDE FOR ADDITIONAL REMARKS