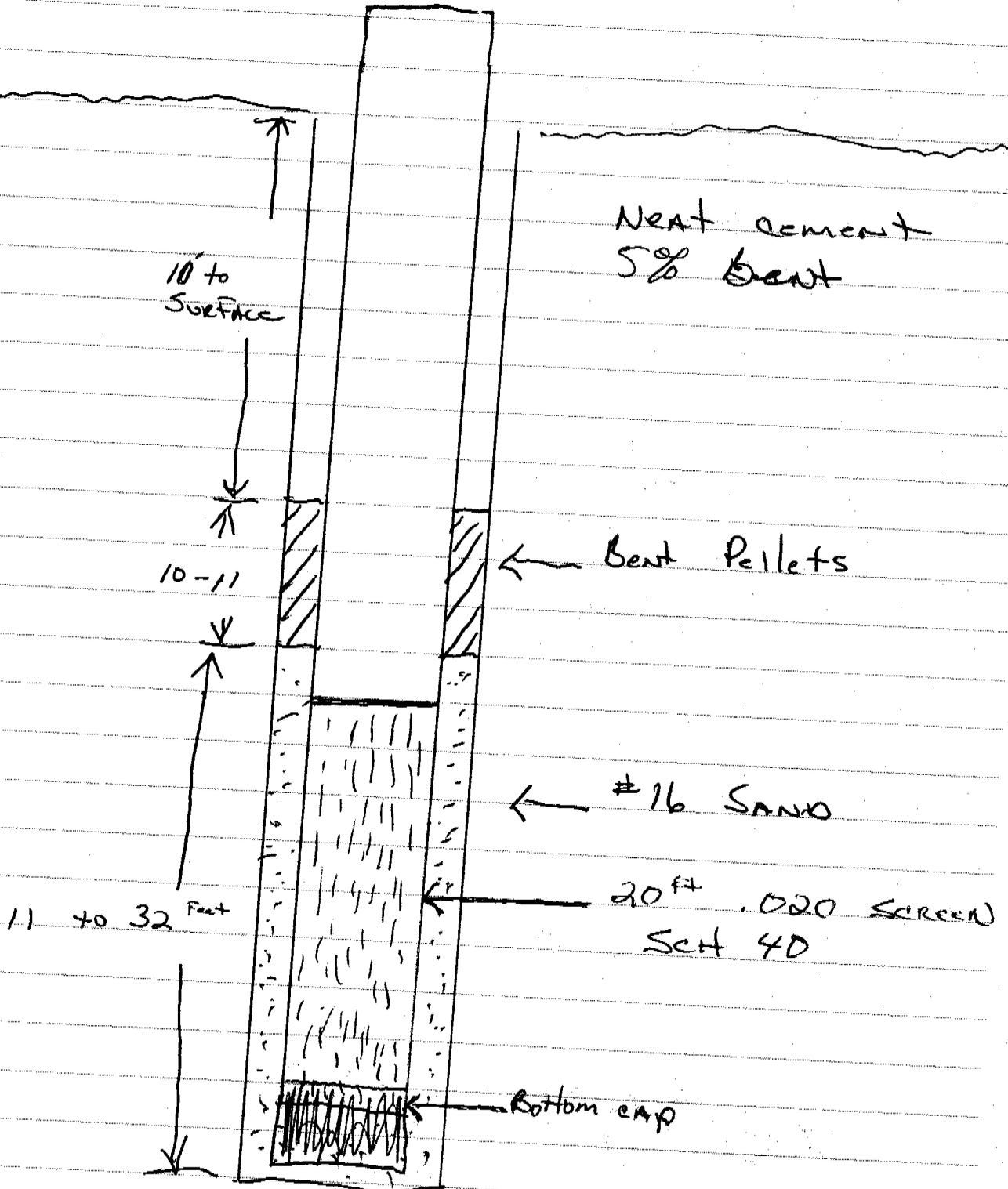




Layne-Western Company, Inc.

MW-3



CONSTRUCTION LOG OF WELL No. MW-3

Well Type: MONITOR

DEPTH
IN
FEET

Date Completed:

Casing Type: PVC

Casing Dia: 4" INCHES

Casing Lengths: END CAP: 0.5

SCREEN: 10' BLANK: 10'

Screen Size: 20 0.20

Screen Length: 20'

Tailpipe Length: 1.0'

STICK UP
~~Locking Cover Type:~~ 0.6'

Locking Cover Stickup (+) / Depression (-): _____

Filter Material: #16 SAND

Filter Volume: 4 ft³

Seal Material: BENTONITE PELLETS

Seal Volume: 1 BUCKET

Grout Material: NEAT CEMENT

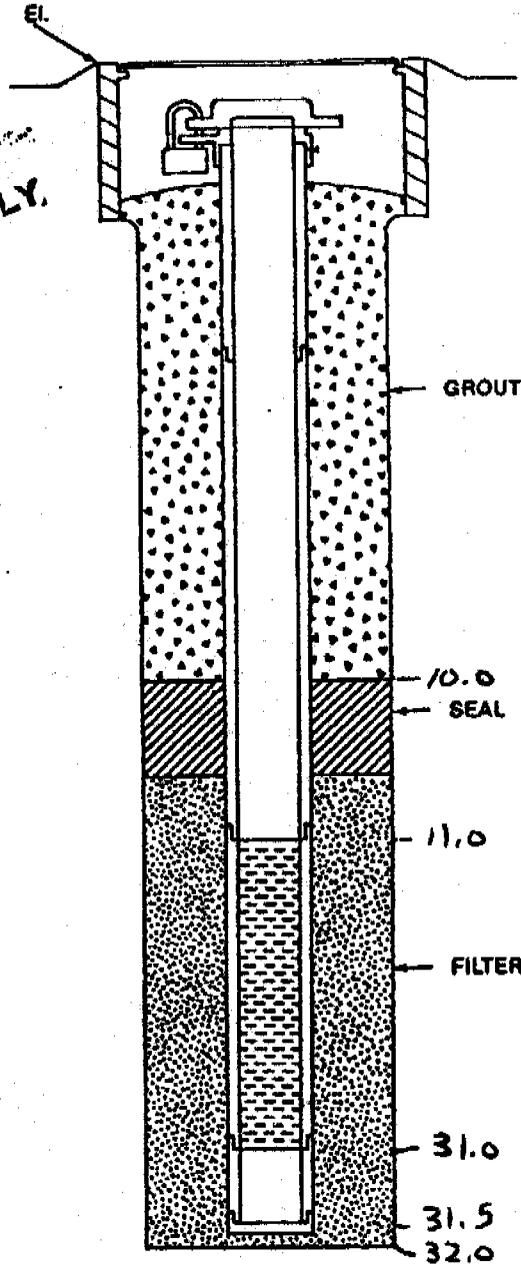
Grout Volume: _____

Bore Dia: 10 INCHES

Total Depth: _____

Comments: _____

**DRAFT
FOR REVIEW ONLY.**



Date _____
Prepared By _____

THE DATA PRESENTED IS A SIMPLIFICATION OF ACTUAL CONDITIONS. THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS WELL AT THE TIME OF CONSTRUCTION. CONDITIONS MAY CHANGE WITH THE PASSAGE OF TIME.

PROJECT NO.

89-2022.23

DRAWING NO.

**DRAFT
FOR REVIEW ONLY**

DRILLING CONTRACTOR: LAYNE WESTERN
 DRILLER: SCOTT JOHNSON

BY: REN DATE: 11/15/89
 CK'D BY: MLB

LOG OF BORING No. MW3

DATE DRILLED: 11/4/89 EQUIPMENT: CME-75
 DESCRIPTION: MONITOR ELEVATION: _____

SOIL OR ROCK
 RECORDING
 DEPTH

TIME	SAMPLE DEPTH TYPE	INCHES BINDER	INCHES REINFORCING	BLANK FOR 6 INCHES	UNCS	DEPTH IN FEET	WELL OR PIEZOMETER CONSTRUCTION	GRAPHIC LOG
0820		18/18	3/3/3	ML		5		
0830		18/18	6/6/5	ML		10		
0835		18/18	3/3/5	SN		15		
0845		18/18	3/3/2	SN		20		

SANDY SILT, ^{DRY} BROWN, MOIST, MINOR CLAY, POSSIBLE GOLF COURSE SOIL POORLY GRADED

SANDY SILT, BROWN, SLIGHTLY MOIST, MINOR CLAY, POORLY GRADED

FINE SAND, BROWN, VERY SLIGHTLY MOIST, MINOR SILT, POORLY GRADED

COARSE SAND, MINOR COARSE GRAVEL BROWN, WELL GRADED, SATURATED.

DRAFT

FOR REVIEW ONLY

THIS REPORT IS VALID ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND AT OTHER TIMES. THE DATA PRESENTED IS A REPRESENTATION OF ACTUAL CONDITIONS ENCOUNTERED.

Log No. _____
 Permit No. _____
 Basin. _____

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. **3556**

PRINT OR TYPE ONLY

1. OWNER **ORION LAND + Development** ADDRESS AT WELL LOCATION _____

MAILING ADDRESS **2300 PASCO BL prado**
Suite 6-102 LAS VEGAS NEV. 89102

2. LOCATION **NW 1/4 NW 1/4 Sec 34 T 35 N R 66 E** County _____

PERMIT NO. _____ Issued by Water Resources _____ Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
DARK BROWN		0	18	18
SANDY MED GRAVEL				
COARSE SAND +		18		
MED GRAVEL BROWN			32	14

8. WELL CONSTRUCTION
 Diameter **4 1/2** inches Total depth **32 0** feet
10 5/8 inches
 inches
 Casing record **SET 40 PVC**
 Weight per foot _____ Thickness _____
 Diameter From To
4 1/2 inches **0** feet **11** feet
 _____ inches _____ feet _____ feet
 Surface seal: Yes No Type **CEMENT**
 Depth of seal **10** feet
 Gravel packed: Yes No
 Gravel packed from **32** feet to **11** feet
 Perforations:
 Type perforation **slot**
 Size perforation **.020**
 From **31** feet to **11** feet
 From _____ feet to _____ feet

Date started **11/4** 19**89**
 Date completed **11/14** 19**89**

9. WATER LEVEL
 Static water level _____ feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name _____ Contractor _____
 Address _____ Contractor _____
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada contractor's driller's number issued by the Division of Water Resources _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **1470**
 Signed **[Signature]**
 By driller performing actual drilling on site or contractor
 Date **11/23/89**

BAILER TEST
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours