

Log No. 32990
 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 Paseo del Prado
Suite # B-102 LAS VEGAS NV. 89102

2. LOCATION NW 1/4 SW 1/4 Sec 26 T 32 N R 66 E County _____

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Fine Sand light brown dry		0	30	30
Fine sand brown		30	40	10
SMALL GRAVEL dry		40	50	10
Fine sand, SMALL GRAVEL moist		50	65	15
COARSE SAND SATURATED				

8. WELL CONSTRUCTION

Diameter 10 5/8 inches Total depth 65 feet

Casing record 5CH 40 PVC

Weight per foot _____ Thickness _____

Diameter	From	To
<u>4 1/2</u> inches	<u>43</u> feet	<u>SURFACE</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type CEMENT 5% back

Depth of seal 30 feet

Gravel packed: Yes No

Gravel packed from 65 feet to 35 feet

Perforations:

Type perforation 5/16

Size perforation .020

From 63 feet to 43 feet

From _____ feet to _____ feet

RECEIVED
 DEC 11 1989
 Div. of Water Resources
 Branch Office - Las Vegas, NV

Date started 11/5, 1988
 Date completed 11/5, 1989

7. WELL TEST DATA

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

BAILER TEST

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

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

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

9. WATER LEVEL

Static water level _____ feet below land surface

Flow _____ G.P.M. _____ P.S.I.

Water temperature _____ °F Quality _____

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

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 3300 PASCO DEL PRADO
Site # B-102 LAS VEGAS NEV. 89102
 2. LOCATION NW 1/4 SW 1/4 Sec 26 T. 32 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
Fine SAND light		0		
BROWN dry			30	30
Fine SAND brown		30		
SMALL GRAVEL dry			40	10
Fine SAND SMALL		40		
GRAVEL moist			30	10
COARSE SAND		50		
SATURATED			65	15

8. WELL CONSTRUCTION
 Diameter 10 5/8 inches Total depth 65 feet
 _____ inches
 _____ inches
 Casing record 5CM 40 PVC
 Weight per foot _____ Thickness _____
 Diameter From To
4 1/2 inches 43 feet SURFACE feet
 _____ inches _____ feet _____ feet
 Surface seal: Yes No Type Cement 5% bent
 Depth of seal 30 feet feet
 Gravel packed: Yes No
 Gravel packed from 65 feet to 35 feet
 Perforations:
 Type perforation 5/16
 Size perforation .020
 From 63 feet to 43 feet
 From _____ feet to _____ feet

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

Date started 11/15, 1989
 Date completed 11/15, 1989

7. WELL TEST DATA

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

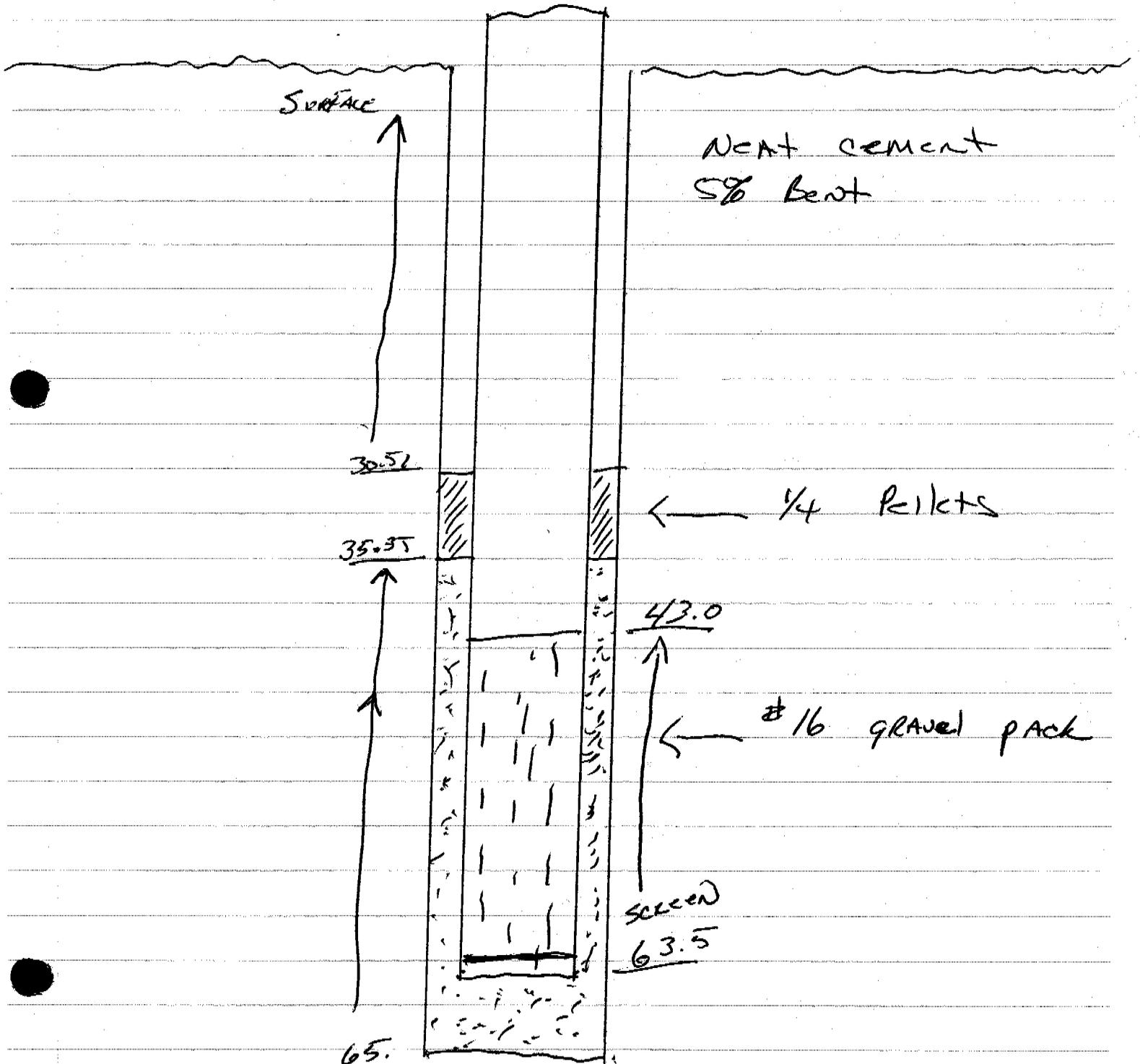
BAILER TEST
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

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



Layne-Western Company, Inc.

MW 50



CONSTRUCTION LOG OF WELL No. MW-5

Well Type: MONITOR

DEPTH
IN
FEET

Date Completed:

Casing Type: PVC

Casing Dia: 4 INCHES

Casing Lengths: END CAP : 0.5'

SCREEN : 10' BULK 10'

Screen Size: ~~0.02~~ 0.20

Screen Length: 20'

Tallpipe Length: 1.0'

STICK UP
Locking Cover Type: 7.0' CUT TO 2.3'

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

Filter Material: # 16 SAND

Filter Volume: 4 ft³

Seal Material: BENTONITE PELLETS

Seal Volume: 1 BUCKET

Grout Material: NEAT CEMENT

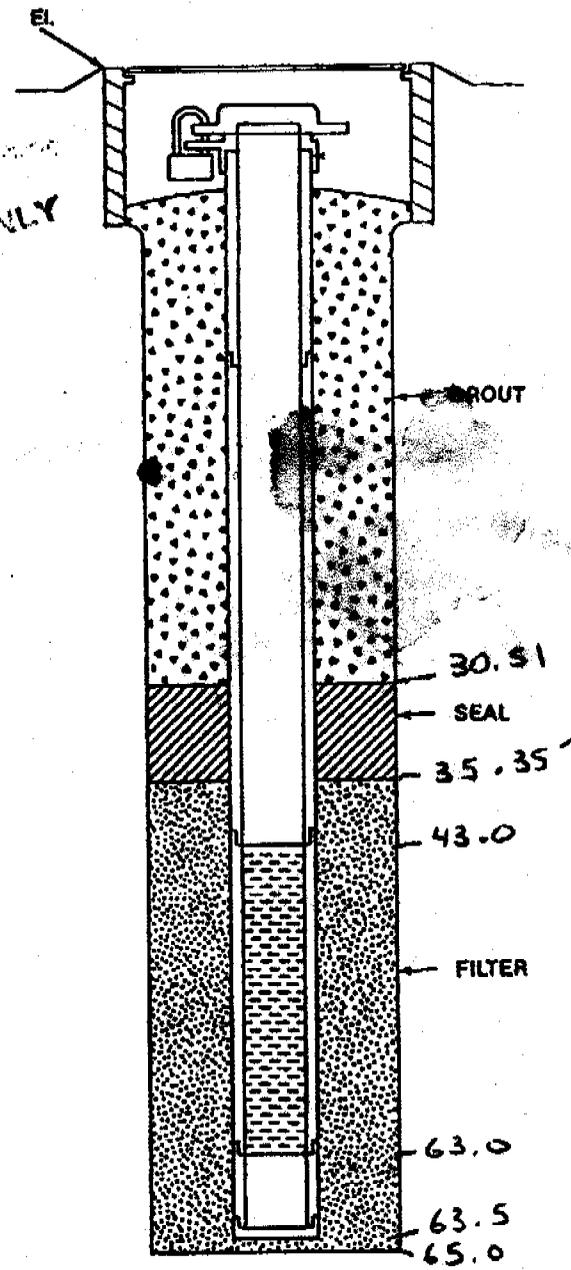
Grout Volume: _____

Bore Dia: 10 INCHES

Total Depth: 65' CONST. @ 63.5

Comments: _____

**DRAFT
FOR REVIEW ONLY**



Date _____
App. By _____
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 SHOWN MAY CHANGE WITH THE PASSAGE OF TIME.

**DRAFT
FOR REVIEW ONLY**

PROJECT NO.
89-2022.83

DRAWING NO.

DRILLING CONTRACTOR: LAYNE WESTER
 DRILLER: SCOTT IRWINSON

BY: PEN DATE 11/5/81 OK'D BY: MOW

LOG OF BORING No. MW 5

DATE DRILLED: 11/5/81 EQUIPMENT: CME-75
 DESCRIPTION: MONITOR ELEVATION:

COR. OF HORIZ. READING IN FEET

TIME	SAMPLE NUMBER	SAMPLE TYPE	INCHES BORED	INCHES REQUIRED	BLANKS FOR 6 INCHES	USCS	DEPTH IN FEET	WELL OR PIEZOMETER CONSTRUCTION	GRAPHIC LOG
0715			13/12	4/7/11	SA	SM	10		
0725			18/14	5/2/9	SA	SM	20		
0740			18/14	7/2/6	SA	SM	30		
0755			8/16	25/65	SA	SM	40		
0815			15/18	7/16/4	SA	SM	50		
0840			18/18	8/17/5	SN	SN	60		

FINE SAND, MINOR SILT, LT BROWN DRY, POORLY GRADED

SAME AS ABOVE, DRY

SAME AS ABOVE, VERY SLIGHTLY MOIST

FINE SAND, MINOR GRAVEL LIGHT BROWN, DRY, POORLY GRADED

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

COARSE SAND, MINOR SILT, GRAYISH BROWN, MODERATELY SORTED, SATURATED

DRAFT
 FOR REVIEW ONLY

THIS REPORT APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF ACTUAL CONDITIONS ENCOUNTERED.