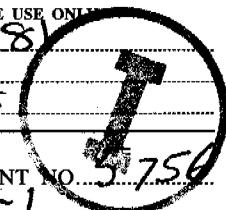


OFFICE USE ONLY  
Log No. 3228  
Permit No. 137A  
Basin 137A  
NOTICE OF INTENT NO. 5756



WELL DRILLER'S REPORT *Book*

Please complete this form in its entirety

PRINT OR TYPE ONLY

1. OWNER Unocal Corp. ADDRESS AT WELL LOCATION M-1  
MAILING ADDRESS San Diego, CA  
2. LOCATION SW 1/4 NW 1/4 Sec. 35 T. 3 N. R. 42 E. Nye County  
PERMIT NO. Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK  
New Well  Recondition   
Deepen  Other   
4. PROPOSED USE Monitor  
Domestic  Irrigation  ~~Test~~   
Municipal  Industrial  Stock   
5. TYPE WELL  
Cable  Rotary   
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Rhyodacite</u>		<u>0'</u>	<u>10'</u>	<u>10'</u>
<u>clay</u>		<u>10'</u>	<u>12'</u>	<u>2'</u>
<u>Rhyodacite</u>		<u>12'</u>	<u>13'</u>	<u>1'</u>
<u>clay</u>		<u>13'</u>	<u>14'</u>	<u>1'</u>
<u>Rhyodacite</u>		<u>14'</u>	<u>20'</u>	<u>6'</u>

RECEIVED  
JUN 19 1989  
Div. of Water Resources  
Branch Office - Las Vegas, NV

8. WELL CONSTRUCTION  
Diameter 8 inches Total depth 20 feet  
Casing record surface to 19'  
Weight per foot Thickness Sch. 40 PVC  
Diameter 4 inches From surface feet To 19' feet  
Surface seal: Yes  No  Type Cement sand grout  
Depth of seal 4 feet  
Gravel packed: Yes  No   
Gravel packed from 4 feet to 20 feet  
Perforations:  
Type perforation factory slotted screen  
Size perforation 0.04 inch  
From 9 feet to 19 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
Static water level 10 feet below land surface  
Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

Date started 9/14, 1988  
Date completed 9/14, 1988

7. WELL TEST DATA

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

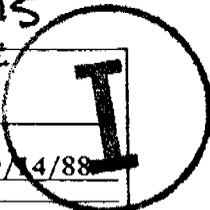
10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name Don Wilson / Converse Consultants  
Address 4670 S. Polaris Ave Las Vegas, NV 89103  
Nevada contractor's license number issued by the State Contractor's Board \_\_\_\_\_  
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 M1589  
Signed \_\_\_\_\_  
Date \_\_\_\_\_

BAILER TEST  
G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

BASIN 137A

Log # 32281 EV-015

SWNW35 3N 42E



Top of Casing 47.69 ft

Equipment Mayhew 1000 AR

Elevation ft (TBM) Date 9/14/88

(See Plate 9 for Wellhead construction detail)  
8" dia. Borehole  
Cement-Sand Grout

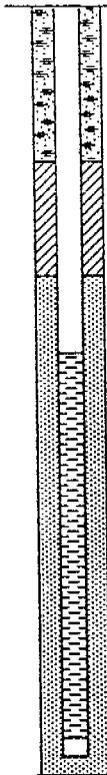
4" dia. Blank PVC Casing

Bentonite Seal

Filter Pack  
(medium aquarium sand)

4" dia. 0.04 Slotted  
PVC Casing

Well Cap



Blows/ft  
HC Odor  
PID

Depth ft  
Sample

No

No

Lo

8

0  
5  
10  
15  
20  
25  
30  
35  
40

GRAY RHYO-DACITE  
fractured, low, hardness, weak, moderately  
weathered, some calcite-healed joints, iron staining  
on open joints; joints dip SE at approximately 50°  
at surface.

GRAY CLAY (CL)  
wet, plastic.

GRAY RHYO-DACITE  
moderately weathered, dry.

GRAY CLAY (CL)  
wet.

GRAY RHYO-DACITE  
moderately weathered, slightly moist.

dry

Boring terminated at 20.0 feet.  
Ground water encountered at 10 feet.  
Boring converted to monitoring well on 9/14/88.

DLN M-1589

Basin-10-137a



Harding Lawson Associates  
Engineers and Geoscientists

Log of Boring M- 1 (sheet 1 of 1)

Unocal Bulk Plant  
Tonopah, Nevada

NYE County

PLATE

4

DRAWN  
M.O'M.

JOB NUMBER  
00382, 142.14

APPROVED

DATE  
10/88

REVISED

DATE