



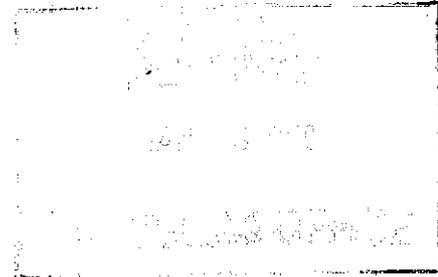
Engineering Individual Solutions

2925 East Patrick Lane
Suite M
Las Vegas, Nevada 89120-2457
702.798.5750
Fax 702.798.5742
www.atcassociates.com

January 11, 2010
ATC Proj. No. 085.75118.8655

Nevada Division of Water Resources
Las Vegas Office
400 Shadow Lane
Suite 201
Las Vegas, Nevada 89106

RE: Well Abandonment Report
Circle K Store No. 8655
695 North Valley Verde Drive
Henderson, Nevada
Facility ID No. 8-001058



Dear Nevada Division of Water Resources:

ATC Associates Inc. (ATC), on behalf of ConocoPhillips Company, is pleased to present this well abandonment report for the above-referenced site (Figure 1). Well abandonment activities were conducted in accordance with Nevada Division of Environmental Protection's (NDEP) letter for "No Further Action," dated October 20, 2009 (Attachment A).

Well Abandonment

ATC personnel supervised the abandonment of five 4-inch diameter, schedule 40 polyvinyl chloride (PVC) groundwater monitoring wells (MW-1 through MW-5) on December 10, 2009 (Figure 2). A State of Nevada licensed driller from Yellow Jacket Drilling Services of Phoenix, Arizona was contracted to abandon the wells. An *Intent to Drill* card and *Well Drillers Report* were submitted to the Nevada Division of Water Resources (NDWR) by Yellow Jacket Drilling Services (Attachment B). Each well was abandoned in accordance with NDWR Regulations for Water Well and Related Drilling (NAC 534).

The licensed driller successfully extracted the well casings from monitoring wells MW-1 through MW-5 and backfilled the remaining well annulus to the surface using cement grout in accordance with NDWR regulations. The surface was completed to match existing grade. The casing material and vault boxes were removed from the site and disposed of by Yellow Jacket Drilling Services.

ENVIRONMENTAL CERTIFICATION JURAT

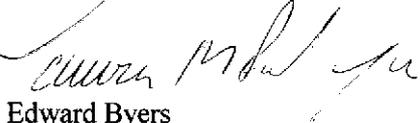
This Well Abandonment Report for the Circle K Store No. 8655, located at 695 North Valley Verde Drive in Henderson, Nevada, has been prepared in accordance with Nevada Administrative Code (NAC), Chapter 459, Section 9717.

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable Federal, State and local statutes, regulations and ordinances.

If you have any questions regarding this matter, please contact the undersigned at (702) 798-5750.

Sincerely,

ATC Associates Inc.



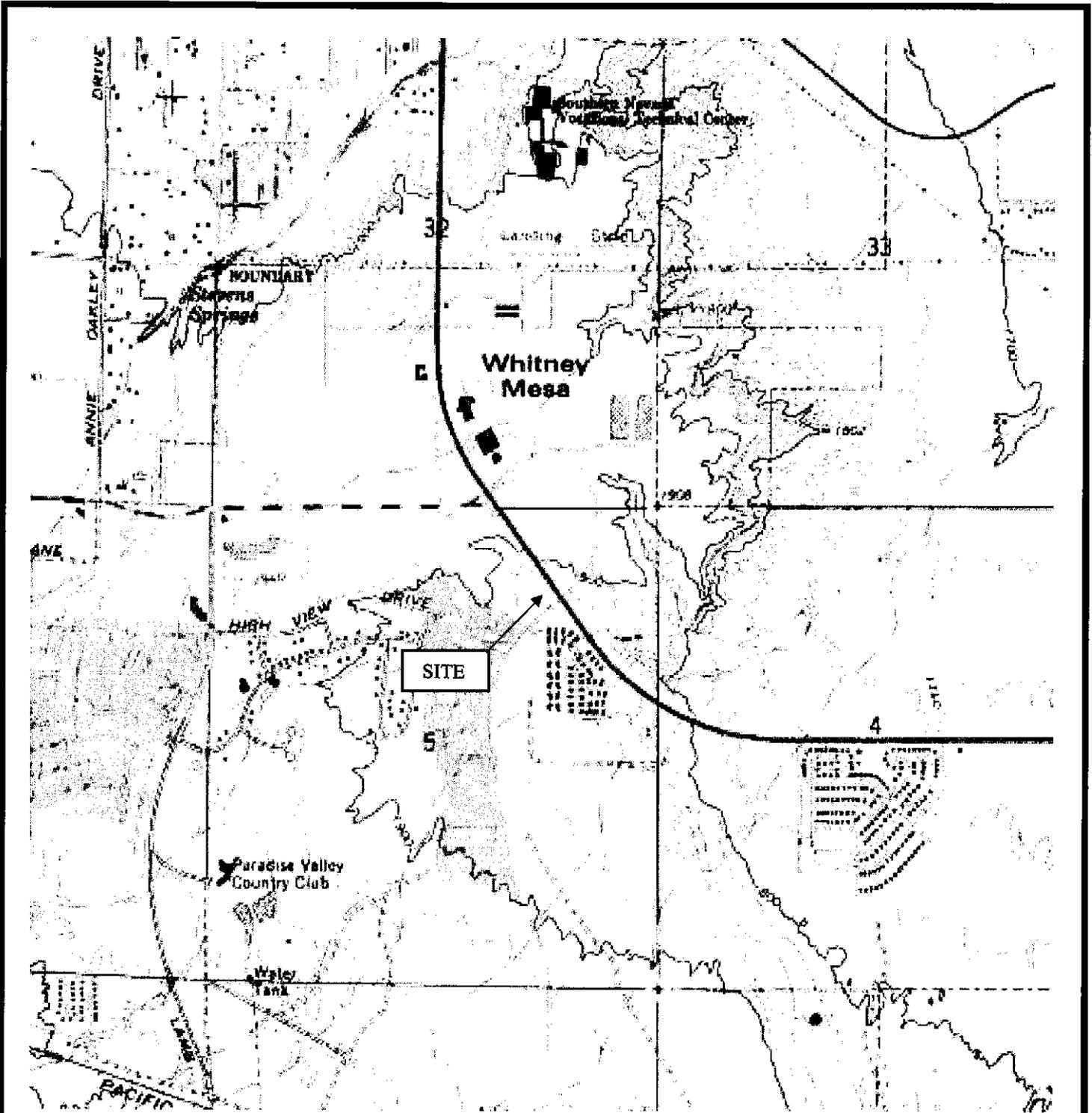
Edward Byers
Staff Scientist



Rex S. Heppe
Principal Geologist
Nevada Certified Environmental Manager
No. EM-1377 (Expires 08/19/10)

Att: Figures
Attachment A – Closure Letter
Attachment B – Driller's Logs

cc: Mr. James F. Trotter, ConocoPhillips Company
Mr. Jason Reed, Nevada Division of Environmental Protection

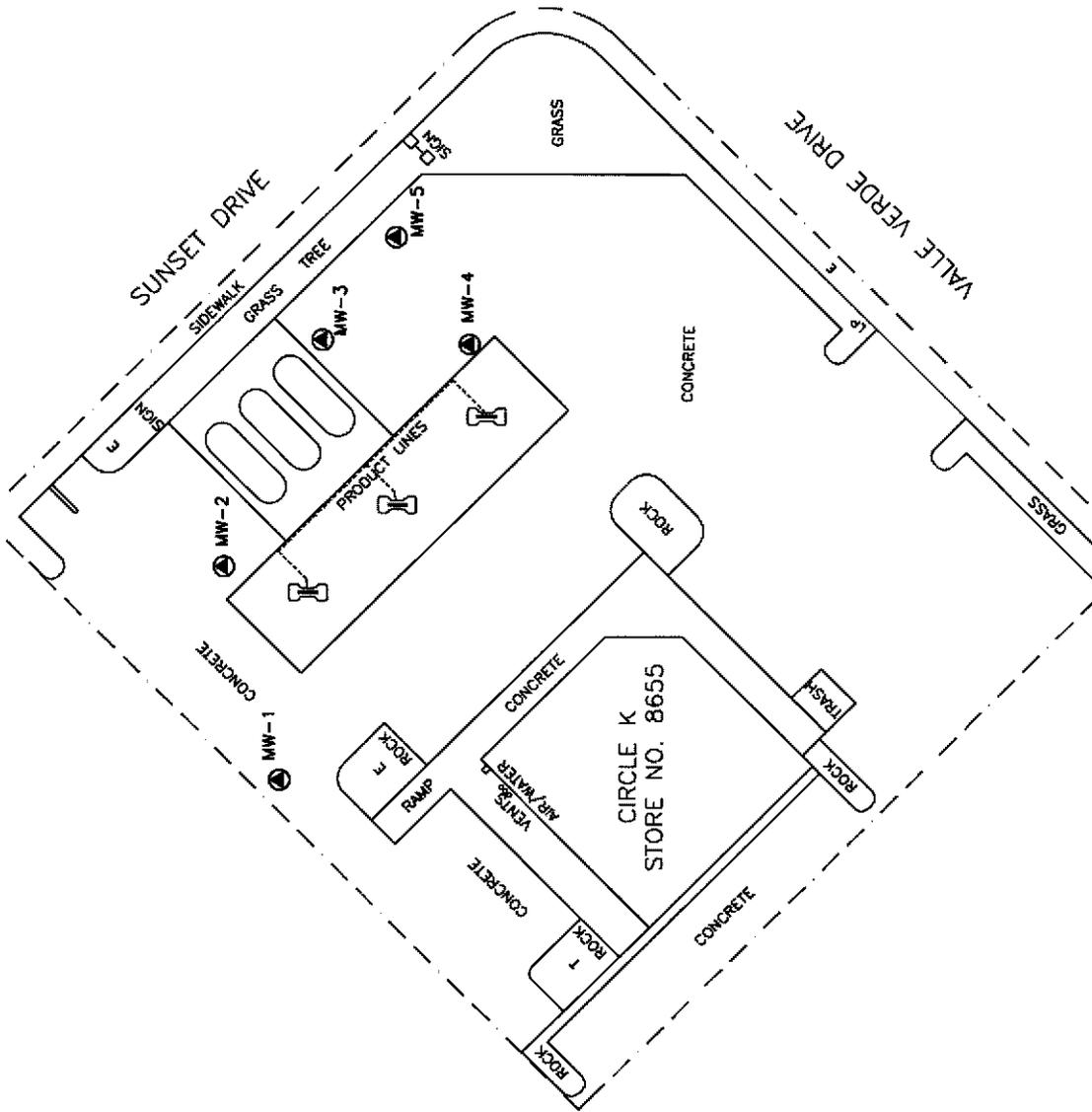


SOURCE: UNITED STATES GEOLOGICAL SURVEY, LAS VEGAS SE NEVADA QUADRANGLE, TOPOGRAPHIC MAP (7.5 MINUTE SERIES), DATED 1967, PHOTOREVISED 1984.

		
2925 East Patrick Lane Suite M Las Vegas, NV 89120 (702) 798-5750		
PROJECT NO: 085.75118.8655		
DESIGNED BY: ESB	APPROVED BY: RSH	DATE: 12/09
DRAWN BY: ESB	APPROX. SCALE: 1" = 1703'	

FIGURE 1
SITE VICINITY MAP

 CONOCOPHILLIPS COMPANY
 CIRCLE K STORE NO. 8655
 695 NORTH VALLE VERDE DRIVE
 HENDERSON, NEVADA



SCALE IN FEET
SCALE = 1:60

LEGEND

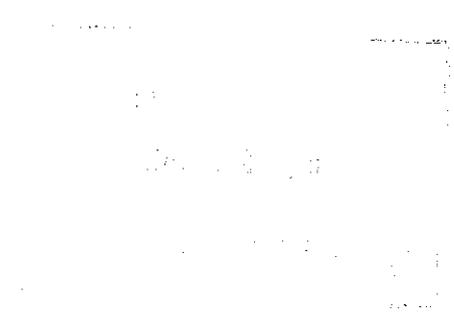
- UNDERGROUND ELECTRICAL
- - - - - UST PIPING
- ⊙ MONITOR WELL LOCATION

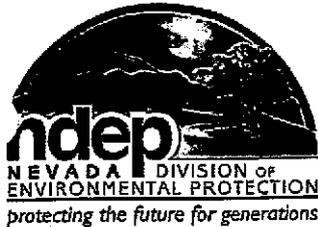
PROJECT NUMBER: 085.75118.8655	DATE: 12/23/09	FIGURE
APPROVED BY: RSH	DRAWN BY: ESB	2
2925 E. Patrick Lane, Suite M Las Vegas, Nevada 89120-2457 Ph: (702) 798-5750 *** Fax: (702) 798-5742		

SITE MAP

CIRCLE K STORE NO. 8655
695 NORTH VALLE VERDE
HENDERSON, NEVADA

ATTACHMENT A
CLOSURE LETTER





STATE OF NEVADA

Department of Conservation & Natural Resources

Jim Gibbons, Governor

Allen Blaggi, Director

DIVISION OF ENVIRONMENTAL PROTECTION

Leo M. Drozdoff, P.E., Administrator

RECEIVED

October 20, 2009

OCT 26 2009

James F. Trotter
Site Manager, Western Region
Risk Management & Remediation
ConocoPhillips Company
1230 West Washington Street, Suite 212
Temp, Arizona 85281

Subject: **No Further Action Determination**

Facility: Circle K Store No. 8655
APN No. 178-05-513-002
NDEP Spill/Complaint # 040402-02
Facility ID: 8-001058

Dear Mr. Trotter:

The Nevada Division of Environmental Protection (NDEP) has reviewed the April 7, 2007 *Modified A through K Data* report prepared by Rex S. Heppel, CEM of ATC Associates, Inc. This letter provides a no further action determination for the petroleum hydrocarbons detected in soil boring B-16 advanced as part of a source delineation assessment conducted during July and August 2005.

The NDEP has reviewed information contained in the corrective action file that has been provided by ConocoPhillips and ATC Associates. Based on this review, Total Petroleum Hydrocarbons remain in soil above action levels or remediation standards. However, based on current land and ground water uses, NDEP has determined that no further assessment or remediation is required to be protective of human health and the environment in accordance with Section 3 of adopted regulation R189-08.

NDEP may re-evaluate this decision if conditions at the site change or if new or previously unidentified information becomes available that: 1) alters the results of the site evaluation; and 2) demonstrates a potential detrimental impact on human health or the environment.

If you have any questions or concerns regarding this letter, please contact the undersigned at (775) 687-9383 or lpeterso@ndep.nv.gov.

Sincerely,

Larry Peterson
Environmental Scientist
Remediation Branch
Bureau of Corrective Actions, NDEP

cc: See Page 2

James F. Trotter
October 20, 2009
Page 2

cc: Craig L. A. Erskine
Environmental Health Supervisor
Southern Nevada Health District
Post Office Box 3902
Las Vegas, Nevada

Ebrahim Juma
Planner Manager
Clark County Department of Air Quality
and Environmental Management
Post Office Box 555210
Las Vegas, Nevada 89155-5210

Rex S. Heppe
Principal Geologist
ATC Associates, Inc.
2925 East Patrick Lane, Suite M
Las Vegas, Nevada 89120-2457

Arthur G. Gravenstein, NDEP
Todd Croft, NDEP

ATTACHMENT B
DRILLER'S LOG FORM

Well Location Coordinates

Well Designation	Elevation	Latitude	Longitude
MW-1	1,845.00	36° 4.12.8'	115° 4.28'
MW-2	1,886.00	36° 4.12.7'	115° 4.18'
MW-3	1,899.00	36° 4.12.5'	115° 4.15'
MW-4	1,861.00	36° 4.12.3'	115° 4.17'
MW-5	1,861.00	36° 4.12.4'	115° 4.15'