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TELECOPIER (805) 968-2278  
TELEX No. 658-430



OGLE PETROLEUM INC.

August 13, 1981

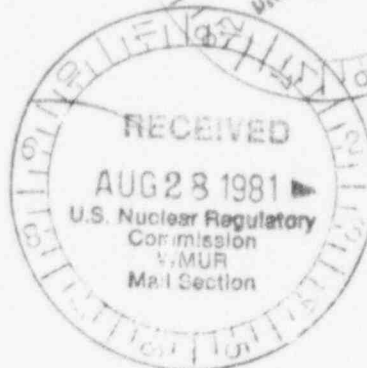


Docket 40-8745  
PDR  
Return to  
P. Casper  
396-  
P.O. Box 5549  
559 SAN YSIDRO ROAD  
SANTA BARBARA, CALIFORNIA 93108

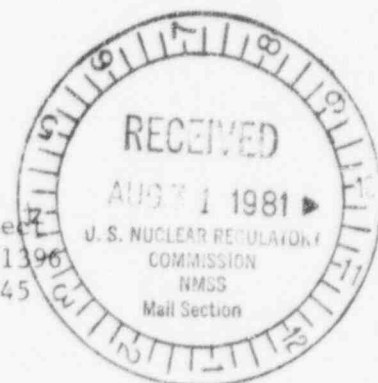
PLEASE DIRECT REPLY TO:

150 North Nichols Avenue  
Casper, Wyoming 82601  
(307) 266-6456

Mr. Ross A. Scarano, Chief  
Uranium Recovery Licensing Branch  
Division of Waste Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



RE: Bison Basin Project  
License No. SUA-1396  
Docket No. 40-8745



SUBJECT: Pond Monitor Wells - Construction Details

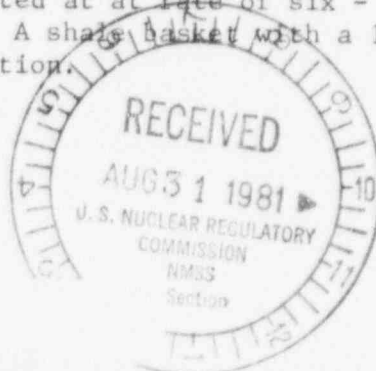
Dear Mr. Scarano:

Pursuant to Condition No. 40 of the above referenced license, Ogle Petroleum Inc. (OPI) herewith submits detailed well construction details for five (5) evaporation pond monitor wells in accordance with the last sentence of Condition No. 40 which states "Detailed well construction specifications for each well shall be submitted to the NRC following well completion and prior to use of the evaporation pond."

#### Pond Monitor Well Construction

Four pond monitor wells were drilled and completed according to the locations specified in the Final Environmental Statement on July 7, 1981. In addition to these four wells, a fifth well was drilled on the northeast side of proposed Pond No. 3 in accordance with the specifications for well placement as described in section 2.3.10.4 of the FES (Figure 2.9).

All five of the evaporation pond monitor wells were drilled to a depth of seventy-five (75) feet with a 7 3/8 inch bit and with the aid of water and bentonite mud or air and water where possible. Each well was then electrically logged prior to the installation of casing and screening. After logging each well, the casing and screen assembly was constructed. Casing was constructed of 4 inch - schedule 40 PVC with glued joints. A screen assembly was then constructed using a 20 foot tailpipe, 40 feet of screen, a shale basket, and 15 feet of riser pipe all attached to the bottom end of the casing. The screen used was PVC pipe slotted at a rate of six - 1/8 inch slots per foot, rotated 90 degrees each foot. A shale basket with a 12 inch bow was installed just above the screened section.



FEE EXEMPT  
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The entire assembly was then lowered into the open drill hole and the screened section then cleaned with compressed air. After each well was allowed to set a few days, cement slurry was poured down the annulus from the surface to cement in the casing. After the cement had hardened in each well, they were airlifted to clean out each well prior to water sampling.

If you should require any additional information in regard to the construction and completion of these wells, please contact me at our Casper office.

Sincerely,

OGLE PETROLEUM INC.



Glenn J. Catchpole  
Vice President and Uranium  
Project Manager

GJC:pm

cc: Document Management Branch

FROM:		DATE OF DOCUMENT		DATE RECEIVED		NO.	
Ogle Petroleum Inc.		8/13/81		8/31/81		10316	
		LTR.	MEMO:	REPORT:		OTHER:	
		X					
TO:		ORIG.		CC:		OTHER:	
Ross Scarano		1					
		ACTION NECESSARY		CONCURRENCE		DATE ANSWERED:	
		<input type="checkbox"/>		<input type="checkbox"/>			
		NO ACTION NECESSARY		COMMENT		BY:	
		<input type="checkbox"/>		<input type="checkbox"/>			
CLASSIF.	POST OFFICE	FILE CODE:					
UN	REG. NO.:	40-8745					
DESCRIPTION: (Must Be Unclassified)		REFERRED TO		DATE		RECEIVED BY	
copy of the Pond Monitor Wells Construction Details.		Reg File cy		9/14			
		WMUR (4)					
ENCLOSURES:		I&E Region					
		PDR					
REMARKS:							
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