

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

[illegible][illegible]

None

8-5/8" & 2" swaged nipple

1-2" 500# W.P. Nordstrom plug valve

8-5/8" casing welded to 10-3/4" casing 2' below top of 8-5/8"

LOCATION 1650' from South Line
1650' from West Line
Section 35, T. 29 N., R. 12 W.

WELL NO. 82 LEASE Gallegos Canyon Unit
OPERATOR Benson & Montin
FIELD Wildcat
COUNTY San Juan
STATE New Mexico

ELEVATION K.E. 5380'

GEOLOGIST A. R. Greer

ADDRESS 502 Continental Bldg., Dallas, Texas

STRATIGRAPHY				
FORMATION	DEPTH TO TOP		ELEVATION OF TOP	
	SAMPLES	EL. OR RA. LOG	SAMPLES	EL. OR RA. LOG
Ojo Alamo top	140	-	5240	-
Ojo Alamo base	210	-	5170	-
Base of water sand underlying				
Ojo Alamo	290	295	5090	5085
Farmington		650		4730
Pictured Cliffs	1329	1329	4051	4051
Lewis		1430		3950

KNOWN OIL, GAS AND WATER SANDS (DATA NEEDED FOR COMPLYING WITH STATE REGULATIONS)							
FORMATION	O.G.W.	FROM	TO	FORMATION	O.G.W.	FROM	TO
Ojo Alamo	W	140	210				
Sand	W	170	290				
Farmington	G	650	670				
Pictured Cliffs	G	1329	1430				

STRUCTURAL POSITION (RELATIVE TO OFFSET OR SIGNIFICANT WELLS)

73' lower than Gallegos Canyon Unit #1

COMPLETION DATA (FORMATION COMPLETED IN AND DEPTHS, METHOD OF DRILLING IN)

See Drilling History

QUALITY OF PAY (GEOLOGIST'S OPINION OF GROSS AND NET PAY THICKNESSES AND COMPARISON WITH OFFSET OR SIGNIFICANT WELLS)

All cores showed sand to be tightly cemented with white kaolin clay. It is possible that a small well might result by sheeting the section with nitroglycerine.

OTHER SIGNIFICANT OIL OR GAS SHOWINGS

FORMATION	DEPTHS	REMARKS (QUALITY OF SHOWING)
Farmington S.S.	650-70	Estimated 50 MCF continuously produced through drilling mud.