DAVIES & FITZGERALD
1303 PHILTOWER BUILDING
TULSA, OKLAHOMA 74103

H. L. FITZGERALD
DAVID C. DAVIES

AREA CODE 918
584-0316

September 7, 1973

Messrs. Nicholas Marsh
Louis Goldburt
Alexander Mintz
Marsh Oil Associates
1115 Broadway
New York, New York 10010

Re: Barngrover No. 1

Gentlemen:

Following is the latest information on the above well:

Rotary Total Depth	5091	(-2969)
Electric Log Total Depth	5093	(-2571)
Log Tops:		
Krider	2655	(-133)
Winfield	2683	(-161)
Towanda	2720	(-198)
Fort Riley	2782	(-260)
Florence	2840	(-318)
Base/Florence	2930	(-408)
Wreyford	2999	(-477)
Cottonwood	3198	(-676)
Tarkio	3553	(-1031)
Topeka	3703	(-1181)
Heebner	4220	(-1698)
Lansing	4347	(-1825)
Base/Kansas City	4797	(-2275)
Marmaton	4810	(-2288)
Marmaton Pay	4884	(-2362)
Cherokee	4933	(-2411)
Mississippi	5049	(-2527)
Log Total Depth	5093	

Log Calculations:		Porosity %	Water Saturation %
Marmaton	4886-92	18	90
Cottonwood	3209-14	19	42
Winfield	2683-90	17	62
	2690-96	18	65

Mississippi - shaley & tite

Very truly yours,

David Davies

DCD:cs
cc: Lester Wilkonson

Marsh Oil Associates
Barngrover Well No. 1
NE-NE-NW Sec. 35-27S-24W
Ford County, Kansas

Morning Report

8-25-73 Rotary Rig moved on location.
Set 10 jts. of new 8-5/8" (20#/ft.) @ 409' with
225 sx common 3% CaCl, 2% gel.
Plug down at 11:00 P.M.

8-26-73 Drilling at 460'.

8-27-73 Drilling at 2150'. Top Anhydrite 1500'.

8-28-73 Drilling at 2676'

Herrington	2625'	(-103)
Krider	2652'	(-130)
Winfield	2680'	(-158)

Circulated at 2705' to drill stem test Winfield.

8-29-73

Towanda	2712'	(-190)
Ft. Riley	2780'	(-258)
Florence	2837'	(-315)

Drilling at 2,920'.

Drill Stem Test yesterday - No. 1
From 2,666' to 2,710'
Gas to surface in one minute - flowed through 1¼ orifice.

Gauge	5 minutes	542,000
	15 minutes	980,000
	30 minutes	1,064,000
	35 minutes	1,187,000
	50 minutes	1,388,000
	65 minutes	1,462,000
	80 minutes	1,506,000
	90 minutes	1,539,000

Recovered 240' gas cut watery mud

Initial Flow Pressures	135	to	240
Final Flow Pressures	255	to	285
Shut-In Pressures	677	-	677

Open 30 minutes
Shut-in 30 minutes
Open 60 minutes
Shut-in 60 minutes.