N. M. O. C. C. COPY

New Mex — Samedan

Farm: Simms Sec. No. 2

BLOCK	SURVEY	
SEC. 15	660 FNL and 1930 FWL of Sec.	
Blk 23	TOTAL DEPTH 590 - Sand	
	CONTRACTOR	Abbot Bros.
	COMMENCED	7/23/73
	COMPLETED	8/10/73
	REMARKS	Plug Back for Fresh Water Well.

42'18.8 — DATUM ELEV. G.L.

CASING RECORD

8 ⅝ 13⅜" @ 45'

8 ⅝ 7" @ 230 at 295'

SIDE — QUARTS — BETWEEN

TIME RATE SCALE: 1/10" = — MINUTES

PENETRATION SCALE: 1/10" = — FEET

TIME RATE: 1/10" SQUARES

No Samples 0 to 50 ft.

18" Hole to 45 ft.

Set 13⅜" Csg

Clay, Gravel and Bed Rock

12½" Hole 45' to 95'

Clay, Sand, Gravel and Bed Rock

8¾" to 235

Reserve Pit Contains Water

Fresh Water Zone 125 to 150 - Gravel Boulder and Sand Zone (Limestone Materials)

Boiler Feed 12 gal/Min

Coots no lower Fluid level (Approx 100 ft static level)

Gravel and Boulder Zone with Pink Shale or Clay Mudstone

Zone Carcs 150 to 200

→ Water Zone Reported by Driller — Gravel, Boiler Sand and Mudstone or Clay

Plugback T.D. 254

Dark Grey Shales and Limestone Gravel and Boulders

Top of Lemon Lime 285

7" Csg Set at 295

Fine Xln Grey to Dark Brown Limestone Dense No Porosity

7" hole 295 to T.D.

Dark Brown to Grey Dense Fine Crystalline Lime

Sand Hard Tight Limestone No Porosity

320

Top of Delaware Sand +3759

Fine grain Light Grey Sand

Trace of Oil on Microscope

No Show of Oil or Gas —

No Stain or Flor. in Sample

Fine Green Grey Sand

Same as Above

No Show in Sand

No increase in Water —

Appears to be Water — Tight but No Porosity or Permeability

Does Not appear to be Water zone

Total Depth 590 Drilled in Delaware Sand.

Plug back to

For Water Well.

Schlumberger

Samedan Oil Corp