

ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator HANAGAN PETR CORP		Lease LOWENBRUCK		Well # 1	
Location of Well	Unit B 660N 1980E	Section 24	Township 21	Range 26	County EDDY
Drilling Contractor	MORANCO		Type of Equipment R.V. CABLE TOOL 8-7-75 R.V. ROTARY 9-22-75		
* WITNESS APPROVED CASING PROGRAM					
Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
20"	16"	65		400	CIRC
14 3/4" x 12 1/4"	9 5/8"	36 x 40	NEW	2500	CIRC
8 1/2" x 7 7/8"	5 1/2"	17 x 20		11,600	350 SX
Casing Data: 74 joints of 9 5/8 inch # Grade 336' - 47" C-75 LT&C 468' - 40" K-55 LT&C 4511' - 36" K-55 LT&C & ST&C					
(Approved) (Signature)					
Inspected by Leon Burton			date 9-29-75		
Cementing Program 15" to 740'					
Size of hole 15 1/4" to T.D. Size of Casing 9 5/8 Sacks cement required 986					
Type of Shoe used GUIDE Float collar used AUTO-FILL INSERT Btm 3 jts welded YES					
TD of hole 2500' KB Set Feet of 1511' 9 5/8 Inch # Grade					
New- 700 csg. @ 1500' KB with 200 sacks neat cement 2% C.C. 1484' UP					
+ 700 sax HOWCO LITE additives 5" GILS + 1/4" FLO CELC + 2% CACI2					
Plug down @ 5:15 AM. (AM) Date 10-6-75					
Cement circulated YES			No. of Sacks 50		
Cemented by HALLIBURTON			Witnessed by Leon Burton		
Temp. Survey ran @ (AM) (PM)			Date top cement @		
Casing test @ (AM) (PM)			Date		
Method Used			Witnessed by		
Checked for shut off @ (AM) (PM)			Date		
Method used			Witnessed by		
Remarks:					

NOTE: 9 5/8" CSG STUCK @ 1511' WHILE RUNNING. HAD NO RETURNS WHILE TRYING TO CIRC & WORK CSG. FREE.
PERF 9 5/8" @ 1489' 7 HOLES. CIRC W/FULL RETURNS.

RAN 57 JIS 7% x 29th 4000 SUPPLY 10000 P 2520 10000 1500 UMTD
 1150 10000 1500 UMTD