

OPERATOR YATES PETROLEUM
WELL/LEASE RAITT BID ST. #1
COUNTY LEA. NM

497-3610

STATE OF NEW MEXICO
DEVIATION REPORT

404	0.50
908	1.00
1,212	2.25
1,335	2.50
1,460	2.00
1,547	1.50
1,639	1.50
1,762	2.25
1,895	1.75
2,048	1.75
2,232	1.50
2,478	1.25
2,761	1.00
3,059	1.00
3,364	1.25
3,672	0.75
4,209	0.75
4,696	0.50
5,188	0.75
5,685	0.50
6,189	0.50
6,633	0.75
7,140	0.75
7,234	0.75
7,361	0.25
7,777	1.75
7,968	0.50
8,474	0.75
8,733	0.75
8,983	0.25
9,398	0.50
9,842	0.75
10,350	1.00
10,858	1.00
11,212	1.00

STATE OF TEXAS

COUNTY OF MIDLAND

BY: *Steve Moore*

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

March 12, 2007, by Steve



26. Perforation record (interval, size, and number)

11011-11020' w/60 .42" holes
10062-71', 10142-49' and 10339-48' w/56 holes
9970-9978' w/18 .40" holes
9234-42' (18), 9264-86' (46), 9345-47' (6), 9352-60' (18) and 9398-9402' (10)
for total of 98 .40" holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11011-11020'	500 gal 7-1/2% Morrow acid w/50 balls
10339-10348'	1000 gal 15% NEFE acid w/25 ball sealers
10142-10149'	1000 gal 15% IC acid and 20 balls
10062-10071'	1000 gal 15% NEFE w/25 balls
10142-10149'	3000 gal 15% NEFE w/25 balls
10062-10071'	Squeezed w/100 sx Class "H"
9970-9978'	1000 gal 15% NEFE w/25 balls
9345-9402'	1500 gal 15% NEFE w/40 balls
9234-9402'	2500 gal 15% NEFE w/100 balls
9234-9402'	Squeezed w/200 sx "H" Neat