

SOUTH HOSPAH UNIT
SOUTH HOSPAH UPPER SAND POOL
MCKINLEY COUNTY, NEW MEXICO

ESTIMATED PRODUCING BOTTOMHOLE PRESSURE

WELL NO.	MID-PERF DEPTH	FLUID LEVEL	COLUMN LENGTH	PRODUCING BOTTOMHOLE PRESSURE
1X	1542	1447	95	41
2	1577	1560	17	7
15	1676	1530	146	63
16	1597	1557	40	17
19	1602	1588	14	6
21	1619	1500	119	52
22	1647	1560	87	38
26	1539	1530	9	4
28	1565	1410	155	67
29	1567	1470	97	42
48	1592	1500	92	40

EXHIBIT 5

ESTIMATED PBHP 34 PSI

ASSUMPTIONS

- ASSUMES FLUID SPECIFIC GRAVITY OF 1.00

- FLUID LEVELS TAKEN FROM WELLBORE SONAGRAMS

HOSPAL LEASE
 SOUTH HOSPAL LOWER SAND POOL
 MCKINLEY COUNTY, NEW MEXICO

ESTIMATED PRODUCING BOTTOMHOLE PRESSURE

WELL NO.	MID-PERF DEPTH	FLUID LEVEL	COLUMN LENGTH	PRODUCING BOTTOMHOLE PRESSURE
3	1587	1380	207	90
14	1655	1470	185	80
24	1648	1470	178	77
25	1607	1440	167	72
38	1527	1410	117	51
47	1655	1380	275	119
61	1626	1560	66	29
62	1628	1470	158	68
64	1597	1500	97	42

ESTIMATED PBHP 70 PSI

ASSUMPTIONS

- ASSUMES FLUID SPECIFIC GRAVITY OF 1.00

- FLUID LEVELS TAKEN FROM WELLBORE SONAGRAMS