

BLACKROCK OIL COMPANY
BATES & MCINTYRE #1
1980' FNL & 660' FWL
SEC. 9-6S-27E
KB 3984'

JACK L. MC CLELLAN
BAR J FEDERAL #2
660' FNL & 1980' FWL
SEC. 15-6S-27E
KB 4102'

JACK L. MC CLELLAN
BAR J FEDERAL #1
1980' FNL & 660' FWL
SEC. 15-6S-27E
KB 4121'

YATES PETROLEUM CORPORATION
BIPLANE UNIT #1
660' FNL & 660' FWL
SEC. 16-6S-27E

MC CLELLAN OIL CORPORATION
PEARL STATE #1
2310' FNL & 1980' FWL
SEC. 16-6S-27E
KB 4122'

SHENANDOAH OIL CORPORATION
NEW MEXICO "L" STATE #1
1980' FWL & 1980' FSL
SEC. 16-6S-27E
KB 4098'

READ & STEVENS, INC.
STATE "16"
1980' FSL & 660' FWL
SEC. 16-6S-27E
KB 4123'

DATUM (-1350)

DATUM (-1350)

DATUM (-1350)

DATUM (-1350)

WOLFCAMP-SPEAR ZONE

WOLFCAMP-SPEAR ZONE

WOLFCAMP-SPEAR ZONE

WOLFCAMP-SPEAR ZONE

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MISSISSIPPIAN

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SILURO-DEVONIAN

SILURO-DEVONIAN

SILURO-DEVONIAN

SILURO-DEVONIAN

DST #1: 5716-5790' MISSRUN
DST #2: 5716-5790' MISSRUN
DST #3: 5716-5860' RECOVERY 1: 750 FT SW,
GTS 3 MIN, 3200 MCFD, IFF 1112, FFP 1368, ISIP 2355, FSP 2343
DST #4: 6156-6220' RECOVERY 1: 240 FT GCM,
RECOVERY 2: 2400 FT XW, IFF 599, FFP 1586, FSP 2496
DST #5: 6290-6409' RECOVERY 1: 35 FT M,
IFF 117, FFP 117, ISIP 181, FSP 155
DST #6: 6437-6477' RECOVERY 1: 190 FT M,
IFF 74, FFP 99, ISIP 187, FSP 177
PERFS: 6254-6275', 6159-6188', 6731-5829',
5729-5737' IFF 350 MCFD, 20 BWPD
5783-5784' CUM OIL: 0 BBL; CUM GAS 1589 MMCF;
CUM WATER: 0 BBL
AUGUST 1972-MARCH 1973

DST #1: 5812-5960' RECOVERY 1: 10 FT C,
RECOVERY 2: 568 FT XW, GTS 2 MIN, 3100 MCFD,
IFF 705, FFP 781, ISIP 2172, FSP 2359
DST #2: 6331-6436' RECOVERY 1: 2 BBL M,
IFF 149, FFP 212, ISIP 2688, FSP 2640
DST #3: 6434-6465' RECOVERY 1: 10 FT M,
IFF 63, FFP 52, ISIP 85, FSP 39
DST #4: 6460-6520' RECOVERY 1: 135 FT M,
IFF 142, FFP 142, ISIP 163, FSP 193

PERFS: 6501-6511'
CUM OIL: 1610 BBL; CUM GAS: 0 MMCF;
CUM WATER: 12,266 BBL
MARCH 1972-OCTOBER 1972

DST #1: 5884-5952' RECOVERY 1: 285 FT GCM,
RECOVERY 2: 240 FT GCM, GTS 5 MIN, 700 MCFD,
IFF 618, FFP 239, ISIP 2376, FSP 2275
DST #2: 5984-6060' RECOVERY 1: 90 FT M,
IFF 80, FFP 99, ISIP 450, FSP 112
DST #3: 6374-6480' RECOVERY 1: 276 FT HOCM,
RECOVERY 2: 529 FT MCO
RECOVERY 3: 2379 FT O
IFF 500, FFP 1123, ISIP 2861, FSP 2862

PERFS 6460-6468'
CUM OIL: 34,369 BBL; CUM GAS: 3625 MMCF
CUM WATER: 323, 551 BBL
AUGUST 1971-JULY 1978
5845-5891' IFF 500 MCFD, 35 BWPD

DST #1: 5880-5925' RECOVERY 1: 60 FT M
DST #2: 6315-6370' RECOVERY 1: 5376 FT GCPW
DST #3: 6436-6451' RECOVERY 1: 90 FT GCM

DST #1: 5774-5829' RECOVERY 1: 150 FT HO&GM,
GTS 4 MIN, IFF 284, FFP 863, ISIP 2328, FSP 2036
DST #2: 6070-6150' RECOVERY 1: 70 FT GCM,
IFF 88, FFP 75, ISIP 192, FSP 812
DST #3: 6210-6236' RECOVERY 1: 50 FT GCM,
GTS 180 MCFD, IFF 24, FFP 24, ISIP 2648, FSP 2584
PERFS: 6276-6292' SWABBED 69 BBL WATER,
6212-6234' IFF 750 MCFD, 6166-6172 SWABBED 11 BBL WATER,
5850-5897' IFF 410 MCFD, 5768-5897' IFF 150 MCFD, 5800-58107,
5880-5902' CUM OIL: 7 BBL; CUM GAS: 11,015 MMCF;
CUM WATER 0 BBL
FEBRUARY 1972-JULY 1972

DST #1: 5878-5921' RECOVERY 1: 1451 FT XW,
GTS 0 MIN, 75 MCFD, IFF 459, FFP 860, ISIP 1804, FSP 1773
DST #2: 6415-6468' RECOVERY 1: 360 FT HO&GM,
RECOVERY 2: 2100 FT XW, GTS 200 MIN, 205 MCFD,
IFF 503, FFP 551, ISIP 2604, FSP 2600

PERFS: 6424-6430' SWABBED 13 BOPD, 6196-6204',
6382-6388', 6124-6130'

BIPLANE UNIT #1
STRUCTURE CROSS-SECTION A-A'
CHAVES CO., NEW MEXICO

DOCKET #
EXHIBIT #