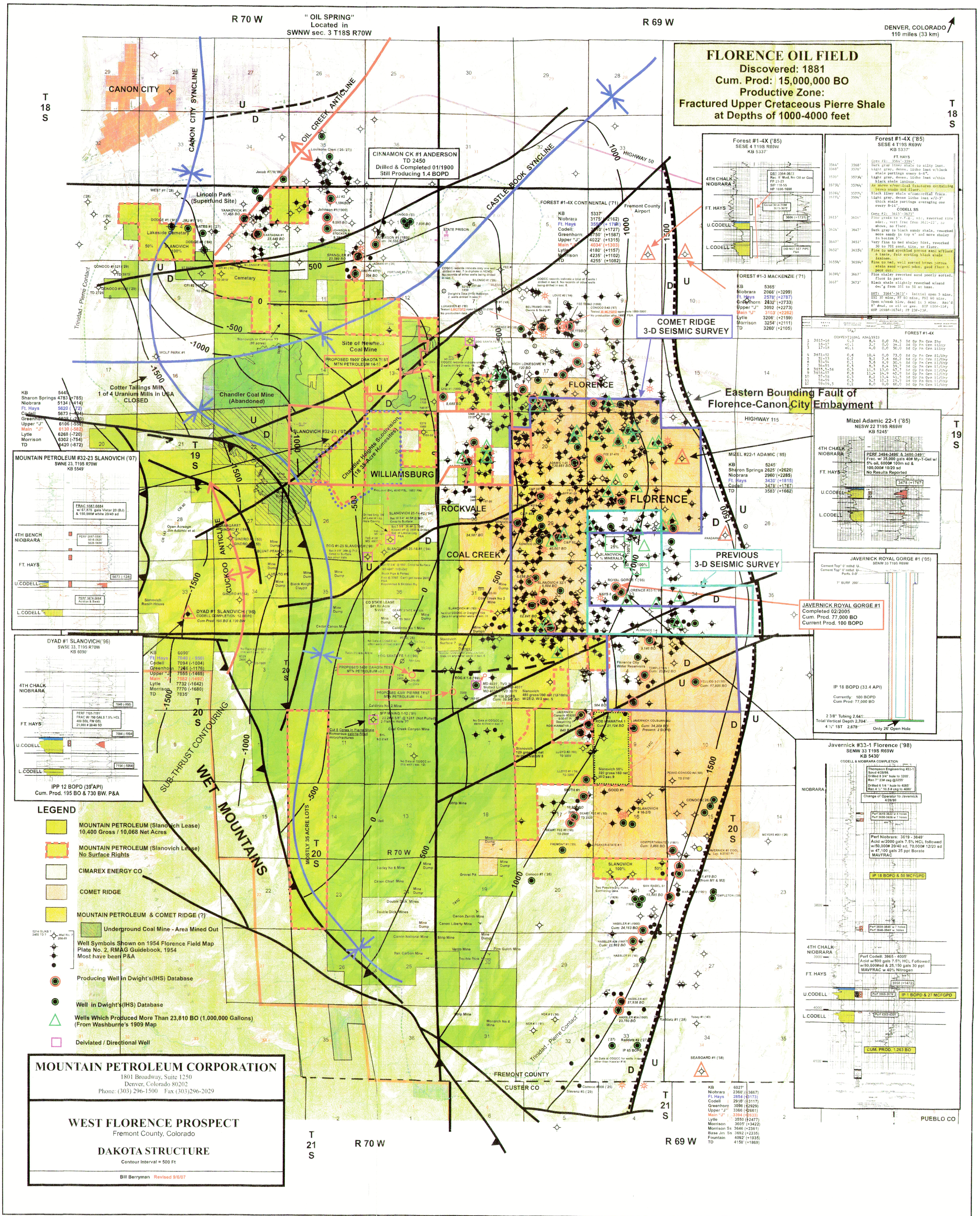
R 70 W
R 69 W
T 18 S
T 19 S
T 20 S
T 21 S
DENVER, COLORADO
110 miles (33 km)
" OIL SPRING"
Located in
SWNW sec. 3 T18S R70W
CANON CITY
CANON CITY SYNCLINE
OIL CREEK ANTICLINE
CASTLE ROCK SYNCLINE
Lincoln Park
(Superfund Site)
Lakeside Cemetery
Cemetery
Site of Newfield Coal Mine
PROPOSED 5900' DAKOTA TEST
MTN PETROLEUM 14-13
Chandler Coal Mine
(Abandoned)
Cotter Tailings Mill
1 of 4 Uranium Mills in USA
CLOSED
Chandler Heights Subdivision
(18 35-Acre Homesites)
WILLIAMSBURG
ROCKVALE
COAL CREEK
FLORENCE
STATE PRISON
Fremont County Airport
HIGHWAY 50
HIGHWAY 115
McKenzie Road
CUCKOO ANTICLINE
WET MOUNTAINS
SUB-THRUST CONTOURING
MOSTLY 35 ACRE LOTS
PROPOSED 5400' DAKOTA TEST
MTN PETROLEUM 3-1
PROPOSED 4200' PIERRE TEST
MTN PETROLEUM 11-6
Trinidad - Pierre Contact
FREMONT COUNTY
CUSTER CO
PUEBLO CO
COMET RIDGE
3-D SEISMIC SURVEY
PREVIOUS
3-D SEISMIC SURVEY
Eastern Bounding Fault of
Florence-Canon City Embayment
U
D
1500
1000
500
0
-500
-1000
-1500
SLANOVICH 100%
SLANOVICH 50%
Slanovich 50%
320 gross/160 net
W/2 sec.9
Slanovich
480 gross/390 net (13/16ths)
W/2E/2, W/2 sec. 5
Slanovich
129 gross net
W/2 NWSW 8
SLANOVICH % MINERALS
25%
50
100%
Two Possible Dry Holes. Conflicting Data
Cut 8 Cores in Pierre Shale
Numerous calcite-filled microfractures
MD 4031', TVD 3579'
Slotted Liner
IP 106 BOPB
Cum. 39,980 BO
11 MMCFG
JAVERNICK ROYAL GORGE #1
Completed 02/2005
Cum. Prod. 77,000 BO
Current Prod. 100 BOPD
YELLICO 3-2 ('85)
Cum. 17,805 BO
JAVERNICK COLBURN 8-2
Cum. 34,208 BO
Present: 2 BOPD
ROB HIAWATHA 1
Cum. 21,124 BO
HASSLER #27
27,938 BO
HASSLER #14 (1900)
23,760 BO
HASSLER #1 (1900)
Cum. 24,163 BO
HASSLER #24 (1901?)
Cum. 21,862 BO
SAN ISABEL S1
15,585 BO
COWPERTHWAITE 1 (1901)
Cum. 9,866 BO
MARJO M 1901
1,419 BO
(from M1 & M2)
SEABOARD #1 ('58)
ADAMIC 1-20
130,661 BO
DYAD #1 SLANOVICH ('96)
CODELL COMPLETION: 12 BOPD
Cum Prod. 195 BO & 730 BW
CINNAMON CK #1 ANDERSON
TD 2450
Drilled & Completed 01/1900
Still Producing 1.4 BOPD

FLORENCE OIL FIELD

Discovered: 1881
Cum. Prod: 15,000,000 BO
Productive Zone:
Fractured Upper Cretaceous Pierre Shale
at Depths of 1000-4000 feet

Forest #1-4X ('85)
SESE 4 T19S R69W
KB 5337'

4TH CHALK NIOBRARA
FT. HAYS
U.CODELL
L.CODELL

DST 3564-3673
Rec. 8' Mud, No Oil or Gas
FP 23-23
SIP 110-55
HP 1698-1698

Cored 3564-3594'
3615-3673'

3606' (+1731)

DID NOT SET PIPE
P&A

Forest #1-4X ('85)
SESE 4 T19S R69W
KB 5337'

FT. HAYS

Core #1: 3564'-3594'

3564'	3568'	Dark gray limey shale to silty lmst.
3568'	3570'	Light gray, dense, litho lmst w/black shale partings every 6-8".
3570'	3573¼'	Light gray, dense, litho lmst w/thin black shale laminae.
3573¼'	3576¼'	As above w/vertical fractures containing brown stain and fluor.
3576¼'	3577½'	Black limey shale w/concordal fracs.
3577½'	3594'	Light gray, dense litho lmst w/2-3" thick shale partings averaging one every 8-14".

CODELL SS

Core #2: 3615'-3673'

3615'	3624'	Fine grain to v.f.g., mic, reworked tite sdst., vert frac from 3621-22', no shows, no fluor.
3624'	3647'	Dark gray to black sandy shale, reworked more sandy in top 4' and more shaley in bottom 5'.
3647'	3652'	Very fine to med shaley Sdst, reworked 50 to 70% sand, tite, no fluor.
3652'	3655½'	Fine to med speckled porous sand w/fluor & taste, fair sorting black shale laminae.
3655½'	3659½'	Fine to med, well sorted brown porous stain sand w/good odor, good fluor & poor cut.
3659½'	3667'	Fine shaley reworked sand poorly sorted, fluor in part.
3667'	3673'	Black shale slightly reworked w/sand dec'g from 35% to 5% at base.

DST: 3564'-3673': Initial open 5 mins, ISI 30 mins, FF 60 mins, FSI 60 mins. Open w/weak blow, dead in 5 mins. Rec'd 8' #mud, no oil or gas. SIP 110#-55#; HSP 1698#-1674#; FP 23#-23#.

FOREST #1-4X

CONVENTIONAL ANALYSIS

1	3615-16	0.3	8.4	0.0	78.5	Sd Gy Fn Grn Shy
2	16-17	<0.1	3.7	0.0	54.2	Sd Gy Fn Grn Silty
3	17-18	<0.1	4.0	0.0	50.0	Sd Gy Fn Grn Silty
4	3651-52	0.6	10.4	0.0	73.0	Sd Gy Fn Grn Sl/Shy
5	52-53	0.2	9.2	7.6	66.2	Sd Gy Fn Grn Sl/Shy
6	53-54	0.1	5.6	8.9	30.4	Sd Gy Fn Grn Sl/Shy
7	54-55	0.5	8.3	8.4	39.7	Sd Gy Fn Grn Sl/Shy
8	3655.5-56	0.3	11.5	13.0	47.7	Sd Gy Fn Grn Sl/Shy
9	3656-57	0.8	11.4	14.9	42.9	Sd Gy Fn Grn Sl/Shy
10	57-58	0.3	8.2	13.4	41.5	Sd Gy Fn Grn Sl/Shy
11	58-59	0.3	5.7	12.3	29.9	Sd Gy Fn Grn Sl/Shy
12	59-59.5	0.2	6.0	0.0	60.0	Sd Gy Fn Grn Sl/Shy

FOREST #1-4X CONTINENTAL ('71)

KB	5337'	
Niobrara	3175'	(+2162)
Ft. Hays	3556'	(+1781)
Codell	3610'	(+1727)
Greenhorn	3750'	(+1587)
Upper "J"	4022'	(+1315)
Main "J"	4034'	(+1303)
Lytle	4180'	(+1157)
Morrison	4235'	(+1102)
TD	4255'	(+1082)

FOREST #1-3 MACKENZIE ('71)

KB	5365'	
Niobrara	2066'	(+3299)
Ft. Hays	2578'	(+2787)
Greenhorn	2632'	(+2733)
Upper "J"	3092	(+2273)
Main "J"	3103'	(+2262)
Lytle	3206'	(+2159)
Morrison	3254'	(+2111)
TD	3260'	(+2105)

Mizel Adamic 22-1 ('85)
NESW 22 T19S R69W
KB 5245'

4TH CHALK NIOBRARA
FT. HAYS
U.CODELL
L.CODELL

PERF 3494-3496' & 3486-3491'
Frac. w/ 35,000 gals 40# My-T-Gel w/ 5% oil, 6000# 100m sd & 100,000# 10/20 sd
No Results Reported

3478 (+1767)

MIZEL #22-1 ADAMIC ('85)

KB	5245'	
Sharon Springs	2625'	(+2620)
Niobrara	2960'	(+2285)
Ft. Hays	3430'	(+1815)
Codell	3478'	(+1767)
TD	3583'	(+1662)

JAVERNICK ROYAL GORGE #1 ('05)
SENW 33 T19S R69W

Cement Top" 0' mthd: U
Cement Top" 0' mthd: U
Perfs. 0-0'
7" SURF 200'
IP 18 BOPD (33.4 API)
Currently: 100 BOPD
Cum Prod: 77,000 BO
2 3/8" Tubing 2,641'
Total Vertical Depth 2,704'
4 ½" 1ST 2,678'
Only 26' Open Hole

Javernick #33-1 Florence ('98)
SENW 33 T19S R69W
KB 5430'

CODELL & NIOBRARA COMPLETION

Thompson Engineering #33-1
Spud 4/28/98.
Drilled 8 3/4" hole to 3265'.
Ran 7" 23# csg @3255'
Drilled 6 1/4" hole to 4085'
Ran 4 ½" 10.5 # csg to 4080'

Change of Operator to Javernick 4/26/99

Perf 3619-3622 w 4 holes
Perf 3630-3636 w 7 holes

Perf Niobrara: 3619 - 3849'
Acid w/2000 gals 7.5% HCL followed w/50,000# 20/40 sd, 70,000# 12/20 sd w 47,100 gals 25 ppt Borate MAVFRAC

IP 18 BOPD & 50 MCFGPD

Perf 3839-3845' w 7 holes
Perf 3846-3849' w holes

Perf Codell: 3965 - 4005'
Acid w/500 gals 7.5% HCL Followed w/80,000#sd & 25,150 gals 30 ppt MAVFRAC w 40% Nitrogen

3958 (+1472)
Perf 3965-3976'
Perf 4303-4305'

IP 1 BOPD & 27 MCFGPD

CUM. PROD. 1,263 BO

NIOBRARA
4TH CHALK NIOBRARA
FT. HAYS
U.CODELL
L.CODELL
3800
3900
4000
4100

KB	6027'	
Niobrara	2360'	(+3667)
Ft. Hays	2854'	(+3173)
Codell	2910'	(+3117)
Greenhorn	3098'	(+2929)
Upper "J"	3366'	(+2661)
Main "J"	3394'	(+2633)
Lytle	3550'	(+2477)
Morrison	3605'	(+3422)
Morrison Ss	3646'	(+2381)
Base Jm Ss	3692'	(+2335)
Fountain	4092'	(+1935)
TD	4158'	(+1869)

KB	5449	
Sharon Springs	4783	(+785)
Niobrara	5134	(-414)
Ft. Hays	5620	(-172)
Codell	5673	(-224)
Greenhorn	5928	(-230)
Upper "J"	6106	(-558)
Main "J"	6130	(-582)
Lytle	6268	(-720)
Morrison	6302	(-754)
TD	6420	(-872)

MOUNTAIN PETROLEUM #32-23 SLANOVICH ('07)
SWNE 23, T19S R70W
KB 5549'

4TH BENCH NIOBRARA
FT. HAYS
U.CODELL
L.CODELL

FRAC 5587-5684
w/ 67,875 gals Vistar 20 (BJ) & 150,000# white 20/40 sd

PERF 5587-5593'
5616-5620'
5628-5636'

5673 (-124)

PERF 5674-5684
Acidize & Swab

KB	6090'	
Ft Hays	7040	(- 950)
Codell	7094	(-1004)
Greenhorn	7266	(-1176)
Upper "J"	7555	(-1465)
Main "J"	7582	(-1492)
Lytle	7732	(-1642)
Morrison	7770	(-1680)
TD	7835'	

DYAD #1 SLANOVICH('96)
SWSE 33, T19S R70W
KB 6090'

4TH CHALK NIOBRARA
FT. HAYS
U.CODELL
L.CODELL

PERF 7101-7111'
FRAC W/ 750 GALS 7.5% HCL
400 BBL FW GEL
21,000 # 20/40 SD

7040 (-950)
7094 (-1004)
7154 (-1064)

IPP 12 BOPD (39°API)
Cum. Prod. 195 BO & 730 BW. P&A

LEGEND

🟩	MOUNTAIN PETROLEUM (Slanovich Lease) 10,400 Gross / 10,068 Net Acres
🟩	MOUNTAIN PETROLEUM (Slanovich Lease) No Surface Rights
☐	CIMAREX ENERGY CO
☐	COMET RIDGE
🟨	MOUNTAIN PETROLEUM & COMET RIDGE (?)
▨	Underground Coal Mine - Area Mined Out
5214 GL/KB ? 2455 TD ? Well No. ? 206-99 ⌖ ✦ ●	Well Symbols Shown on 1954 Florence Field Map Plate No. 2, RMAG Guidebook, 1954 Most have been P&A
◉	Producing Well in Dwight's(IHS) Database
●	Well in Dwight's(IHS) Database
△	Wells Which Produced More Than 23,810 BO (1,000,000 Gallons) (From Washburne's 1909 Map
☐	Deiviated / Directional Well

MOUNTAIN PETROLEUM CORPORATION

1801 Broadway, Suite 1250
Denver, Colorado 80202
Phone: (303) 296-1500 Fax (303)296-2029

WEST FLORENCE PROSPECT

Fremont County, Colorado

DAKOTA STRUCTURE

Contour Interval = 500 Ft

Bill Berryman Revised 9/6/07