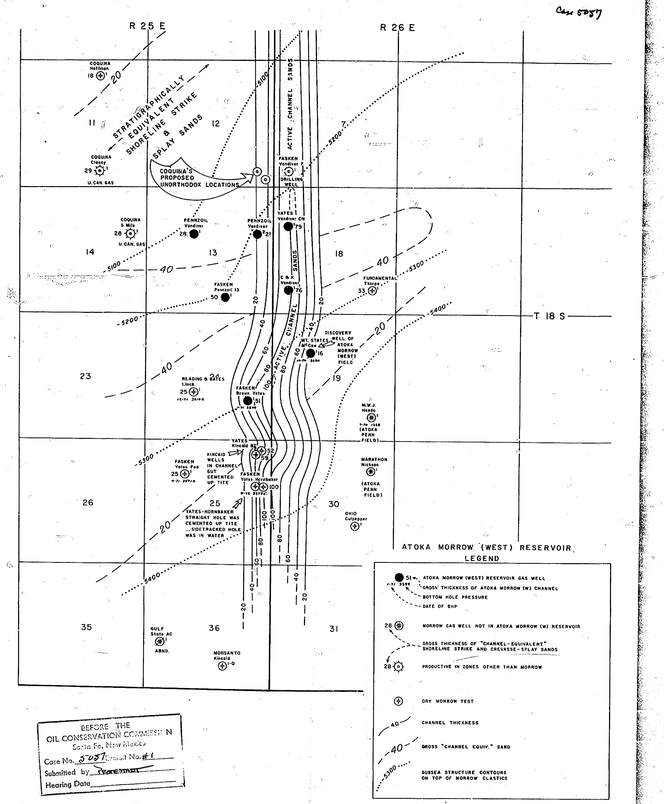
Case No
5057

Large Exhibits

W.M.N.C.F. MICROGRAPHICS

BEST AVAILABLE COPY

Exhibit #1
Case 5257



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5257 Exhibit No. #1
Submitted by: Applicant
Hearing Date:

N.M.O.C.D. MICROGRAPHICS
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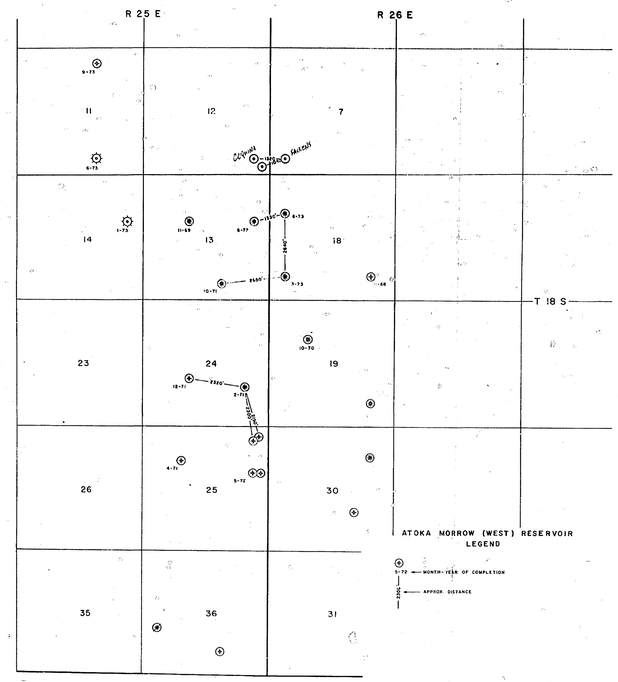


BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5067 Exhibit No. 7
Submitted by Protestants
Hearing Date 10/16/73

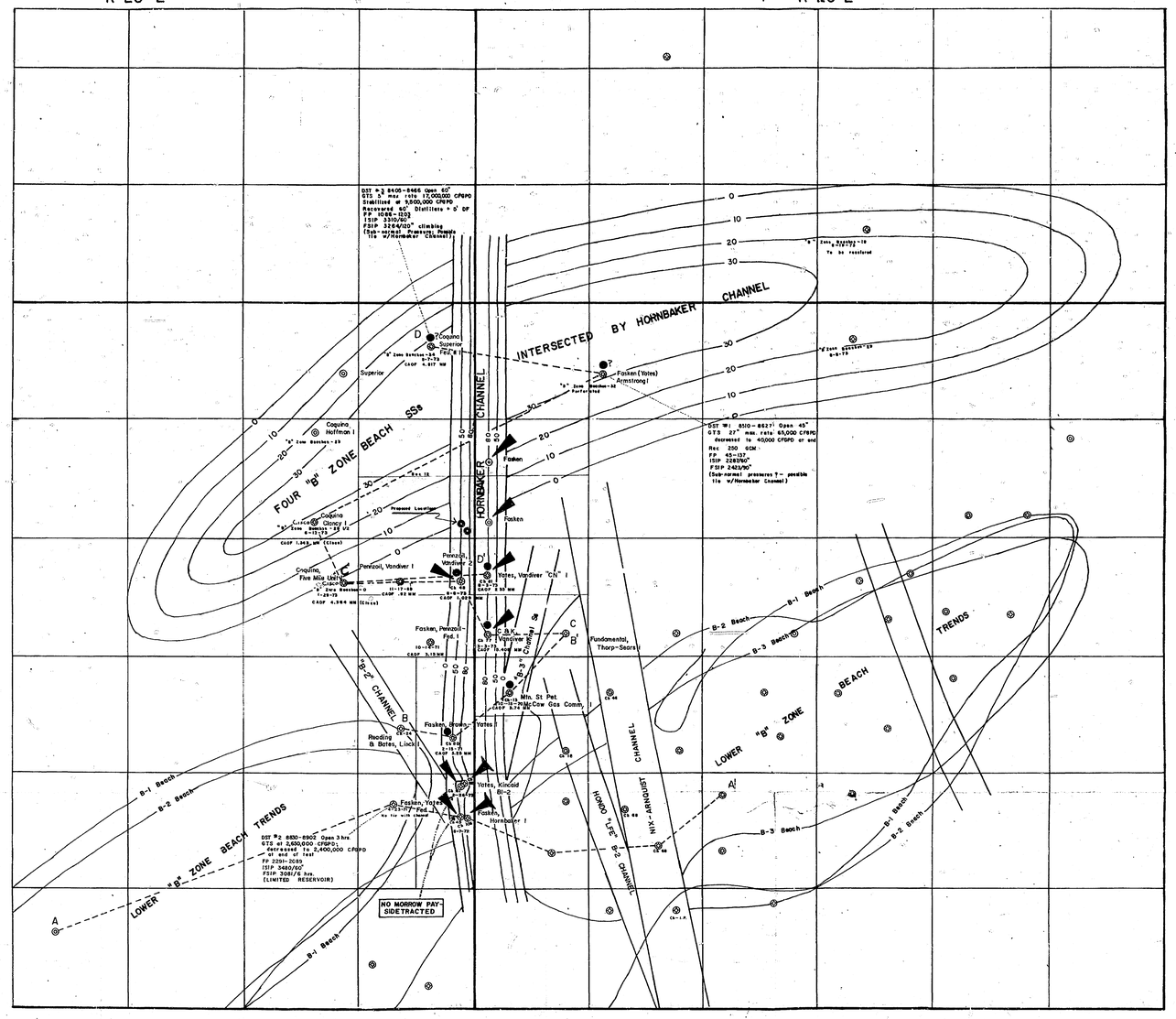
Exhibit #

W.R.H.C.P. MICROGRAPHICS
BEST AVAILABLE COPY

R-25-E

R-26-E

T-18-S



LEGEND

- Unorthodox Location
- Unorthodox Location-Less than 660' from section line
- Well producing from principal West Atoka reservoir system

ATOKA & ATOKA WEST FIELDS

Eddy County, New Mexico

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 6457 Exhibit No. 1
Submitted by: R.C. Hanson Corporation
Hearing Date 11-11-79

EXHIBIT 1

V.N.M.C.P. MICROGRAPHICS
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D

YATES
Vandiver "CN" 1
Sec 18-18S-26E
1650 FN 660 FW
KB 3442

COQUINA
Five Mile Unit 1
Sec 14-18S-25E
1980 FN 660 FE
KB 3480

COQUINA
Clancy 1
Sec 11-18S-25E
1980 FE 660 FS
KB 3483

Datum: Top "A" Zone

MORROW SERIES

"A" Zone Channel Ss

HORNBAKER CHANNEL SS

PENNZOIL-VANDIVER CHANNEL SS

TOP "B" Zone

"B" Zone - "A" Beach Ss

"B" Zone - "B" Beach Ss

"B" Zone - "C" Beach Ss

"B" Zone - "D" Beach Ss

Beach Ss

CHESTER SH

CHESTER LS

Completed 8-3-73
CMF 235,755 cu ft PD
No DST's

Completed 1-21-1973
Perfs:
JAP 4 holes each PD

Completed 6-12-73
Perfs:
CAM 1 hole each PD

W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

D'

COQUINA
Clancy 1
Sec 11-18S-25E
1980 FE 660 FS
KB 3483

FASKEN (YATES)
Armstrong "B" 1
Sec 5-18S-26E
1980 FS 660 FW
KB 3412

COQUINA
Superior Federal 1
Sec 1-18S-25E
1980 FN 990 FE
KB 3449

MORROW SERIES

TOP "B" Zone
"B" Zone-"A" Beach Ss
"B" Zone-"B" Beach Ss
"B" Zone-"C" Beach Ss
"B" Zone-"D" Beach Ss

CHESTER SH

CHESTER LS

Completed 8-7-73

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5467 Exhibit No. 2
Submitted by Yates Petroleum Corporation
Hearing Date 10-16-73

EXHIBIT 2

W.R.M.C.P. MICROGRAPHICS

BEST AVAILABLE COPY

A

A'

ARCO
State "BI" 1
Sec 33-T18S-R25E
1980FN 1980FW
KB 3592

FASKEN
Yates-Fed. Com. 1-25
Sec 25-T18S-R25E
1650FW 1490FN
KB 3459

FASKEN
Yates-Hornbaker 1
Sec 25-T18S-R25E
1980FN 660FE
KB 3475

(Sidetrack Hole)
FASKEN
Yates-Hornbaker 1
Sec 25-T18S-R25E
310'E and 93'S. of
Original Hole
KB 3475

OHIO
Culpper Unit 1
Sec 30-T18S-R26E
1650FS 1650FE
KB 3459

OHIO
Nix 1
Sec29-T18S-R26E
1980FS 1980FE
KB 3433

YATES
Mayer 1
Sec 28-T18S-R26E
990FN 990FW
KB 3430

G-Ray
Sonic
BHC Sonic
Neutron

ATOKA SERIES

MORROW SERIES

"A" Zone Sss

"A" Shale

Datum: Top "B" Zone

Dayton Upper "B" Zone Sss

Dayton B-1 Ss

Dayton B-2 Ss

Dayton "C" Zone Ss

CHESTER SHALE

CHESTER-DUNKEN CYCLE

HORNBAKER CHANNEL SS

NIX-ARNQUIST CHANNEL SS

Costa Plenta Ss

Dayton B-3 Ss

DST #1 8760-8830 Open 1 hr
GTS in 30"
Gas @ 30,000 CFGPD
IFP 2201/2201
ISIP 2201/2201
FFP 2201/2201
FSIP 2201/2201

DST #2 8779-8869 Open 2 hrs
GTS in 30"
Gas @ 30,000 CFGPD
IFP 2201-2201
ISIP 2201/2201
FFP 2201/2201
FSIP 2201/2201

DST #3 8890-8925 Open 1 hr
Weak blow
Gas to surface in 24"
Gas @ 30,000 CFGPD
IFP 1870/1870
ISIP 1870/1870
FFP 1870/1870
FSIP 1870/1870

Perfs: 8862-8898
2000 Gal Acid
1000 Gal w/Benzoic Acid
Flowed 1000 BOPD + 1000 MCFPD
Choke not indicated

DST #1 8804-8898
GTS in 15" (STSTM)
Gauged 15.5 MCFGPD on 3/4" ck
Gauged 13.5 MCFGPD on 1" ck
Gauged 11.5 MCFGPD on 1 1/4" ck
Gauged 10.5 MCFGPD on 1 1/2" ck
Gauged 9.5 MCFGPD on 1 3/4" ck
Gauged 8.5 MCFGPD on 2" ck
Gauged 7.5 MCFGPD on 2 1/4" ck
Gauged 6.5 MCFGPD on 2 1/2" ck
Gauged 5.5 MCFGPD on 2 3/4" ck
Gauged 4.5 MCFGPD on 3" ck
Gauged 3.5 MCFGPD on 3 1/4" ck
Gauged 2.5 MCFGPD on 3 1/2" ck
Gauged 1.5 MCFGPD on 3 3/4" ck
Gauged 0.5 MCFGPD on 4" ck
Rec 1200' GCM
IFP 2132/2132
FFP 2132/2132
ISIP 2132/2132

DST #2 8804-8918
GTS in 15" (STSTM)
Gauged 15.5 MCFGPD on 3/4" ck
Gauged 13.5 MCFGPD on 1" ck
Gauged 11.5 MCFGPD on 1 1/4" ck
Gauged 10.5 MCFGPD on 1 1/2" ck
Gauged 9.5 MCFGPD on 1 3/4" ck
Gauged 8.5 MCFGPD on 2" ck
Gauged 7.5 MCFGPD on 2 1/4" ck
Gauged 6.5 MCFGPD on 2 1/2" ck
Gauged 5.5 MCFGPD on 2 3/4" ck
Gauged 4.5 MCFGPD on 3" ck
Gauged 3.5 MCFGPD on 3 1/4" ck
Gauged 2.5 MCFGPD on 3 1/2" ck
Gauged 1.5 MCFGPD on 3 3/4" ck
Gauged 0.5 MCFGPD on 4" ck
Rec 1200' GCM
IFP 2132/2132
FFP 2132/2132
ISIP 2132/2132

DST #4 8963-8975 Open 1 hr
GTS in 30"
Gas @ 30,000 CFGPD
Rec 1200' GCM
IFP 2201/2201
FFP 2201/2201
ISIP 2201/2201

DST #5 8982-9002
GTS in 30" TSTM
Gas @ 30,000 CFGPD
Rec 1200' GCM
IFP 2201/2201
FFP 2201/2201
ISIP 2201/2201

DST #6 9088-9116
GTS in 30" Unmeasured
Gas @ 30,000 CFGPD
Rec 1200' GCM
IFP 2201/2201
FFP 2201/2201
ISIP 2201/2201

DST #7 9174-9198
GTS in 30" Unmeasured
Gas @ 30,000 CFGPD
Rec 1200' GCM
IFP 2201/2201
FFP 2201/2201
ISIP 2201/2201

DST #8 9226-9261
GTS in 30" Too Small to Measure
Gas @ 30,000 CFGPD
Rec 1200' GCM
IFP 2201/2201
FFP 2201/2201
ISIP 2201/2201

DST #1 9235-9317 Open 1 hr
GTS in 15" (STSTM)
Gauged 15.5 MCFGPD on 3/4" ck
Gauged 13.5 MCFGPD on 1" ck
Gauged 11.5 MCFGPD on 1 1/4" ck
Gauged 10.5 MCFGPD on 1 1/2" ck
Gauged 9.5 MCFGPD on 1 3/4" ck
Gauged 8.5 MCFGPD on 2" ck
Gauged 7.5 MCFGPD on 2 1/4" ck
Gauged 6.5 MCFGPD on 2 1/2" ck
Gauged 5.5 MCFGPD on 2 3/4" ck
Gauged 4.5 MCFGPD on 3" ck
Gauged 3.5 MCFGPD on 3 1/4" ck
Gauged 2.5 MCFGPD on 3 1/2" ck
Gauged 1.5 MCFGPD on 3 3/4" ck
Gauged 0.5 MCFGPD on 4" ck
Rec 1200' GCM
IFP 2132/2132
FFP 2132/2132
ISIP 2132/2132

Capt. 34,000 CFGPD
Rate 680,000
TP 2195-2710

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5543 Exhibit No. 3
Submitted by: N.E. Brown, Conoco
Hearing Date: 10-16-73

EXHIBIT 3

V.R.W.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

B

B

READING AND BATES
Linck 1
Sec 24-T18S-R25E
1980 FS 1980 FW
KB 3474

FASKEN
Brown-Yates 1
Sec 24-T18S-R25E
1650 FS 990 FE
KB 3472

MOUNTAIN STATES
McCaw 1
Sec 19-T18S-R26E
1650 FN 1650 FW
KB 3447

FUNDAMENTAL
Thorpe-Sears 1
Sec 18-T18S-R26E
990 FS 990 FE
KB 3426

ATOKA SERIES

MORROW SERIES

Datum Top Dayton "B" Zone

HORNBAKER-PENNSYLVANIVER CHANNEL Ss

CHANNEL Ss

CHANNEL Ss

CHANNEL Ss

Dayton C Zone Ss

CHESTER SHALE

CHESTER-DUNKEN CYCLE

CHESTER-DUNKEN CYCLE

DST #1 8580-8586 Open 2 hrs. Comp 12-8-71
Rec 1500' slightly oil cut mud
IHP 3767#
IFP 1190#
ISIP 2520#
FFP 1190#
FSIP 2520#
Rec 2700' slightly oil cut water
DST #2 8760-8800 Open 2 hrs
Rec 1500' slightly oil cut mud
IHP 3767#
IFP 1190#
ISIP 2520#
FFP 1190#
FSIP 2520#
Rec 2700' slightly oil cut water

DST #1 8760-8875 Op 2 hrs 45 min
GTS in 8 min, 450 MCFPD
Rec 90' slightly oil cut mud
IHP 3767#
IFP 1330#/30"
ISIP 3329#/30"
FFP 1330#/30"
FSIP 3329#/30"
DST #2 8860-8945 Op 2 hrs 15 min
GTS in 45 min, 49,000 CFGPD
Rec 90' mud
IHP 3767#
IFP 1208#/30"
ISIP 3288#/30"
Perf'd 183 Zone 8863-73
Calc. 3,650,000 CFGPD Natural
Compl. 2-16-71

DST #1 8730-8900 Open 1 hr 20"
GTS in 13 min, 200 CFGPD
Rec 60' slightly oil cut mud
IHP 3776-3760#
IFP 1200-1300#
ISIP 3400/30"
FFP 1300-1400#
FSIP 3400/30"
Perf'd 8784-94
17 Shots 8886-8948 Ave 64
Calc. 5,970,000 CFGPD + 35 bbls. Cond/Ave Hour
Compl. 10-15-70

DST #1 8826-8900 Open 1 hr
Rec 90' slightly oil cut mud
IHP 3767#
IFP 1190-1210#
ISIP 3393/30"
FFP 1210-1230#
FSIP 2520/30"
DST #2 8860-8930 Open 2 hrs
GTS in 30 min, 1,000 CFGPD
Rec 90' slightly oil cut mud
IHP 3767#
IFP 1190-1210#
ISIP 2520/30"
FFP 1210-1230#
FSIP 2520/30"

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 5067 Exhibit No. 4
Submitted by: W.C. Hanson
Hearing Date 12-14-73

EXHIBIT 4

V.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

C

C'

FUNDAMENTAL
Thorpe-Sears Com. 1
Sec 18 - 18S-26E
990' FS 990 FE
KB 3425

C&K PETROLEUM
Vandiver 1
Sec 18-18S-26E
660 FW 990 FS
KB 3442

PENNZOIL (BRUNSON & McKNIGHT)
Vandiver 2
Sec 13-18S-25E
1980 FN 660 FE
KB 3454

PENNZOIL
Vandiver 1
Sec 13-18S-25E
1980 FN 1980 FW
KB 3473

COQUINA
Five Mile Unit 1
Sec 14-18S-25E
1980 FN 660 FE
KB 3480

MORROW SERIES

Dayton "A" Zone

Top "B" Zone

Dayton Upper "B" Zone Ss

Dayton B-1 Ss

Dayton B-2 Ss

Dayton "C" Zone Ss

CHESTER SH

CHESTER LS

HORNBAKER CHANNEL SS

PENNZOIL-VANDIVER CHANNEL SS

C&K CHANNEL SS

Dayton "B" Zone Ss

B-2 ↑ Beach Ss

Dayton "B" Zone

Beach Ss

Channel Ss

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 6697 Exhibit No. 5
Submitted by: Pc. Hannon Engineering
Hearing Date 12-11-33

EXHIBIT 5

M.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY