Case No
5341

Large Exhibits

V.V.R.C.F. MICROGRAPHICS

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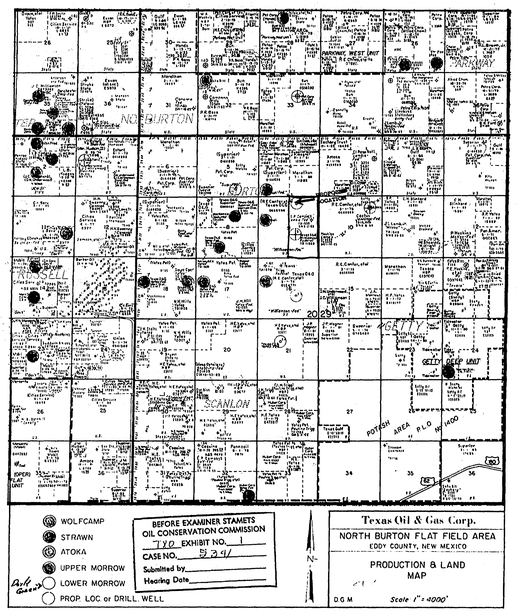

V.T.R.C.F. MICROGRAPHICS
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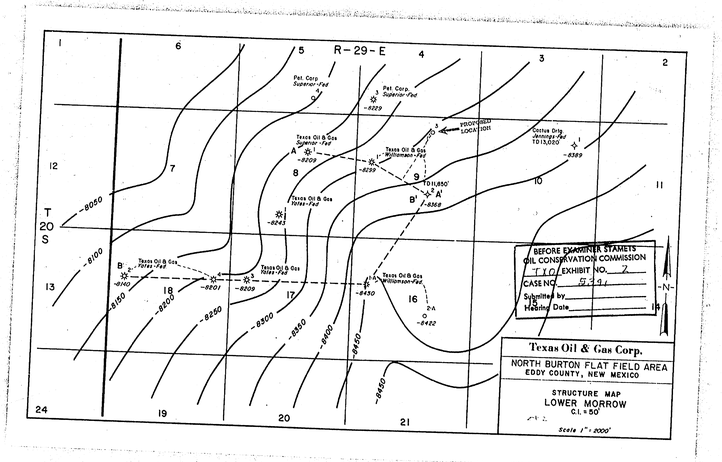

W.M.N.C.P. MICROGRAPHICS
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A

A'

Superior Federal #1

DST #2 11,190-11,342. TO 15" preflo, 60" test. Opnd w/weak blo, incr to good on preflo. Reopnd w/good blo. GTS in 40" TSTM. Rec 1200' wtr blanket plus 360' DM, 150,000 PPM Chl. Pit sample 150,000 PPM Chl. HHP in 5874,; preflo IFP 643, FFP 643, 90" ISIP 3752, test IFP 662, FFP 681, 90" FSIP 4722, HHP out 5847.

DST #3 11,348-11,490. TO 15" preflo, w/very weak blo, died in 13". Upon reopng tool no blo. PU 10 stands, dropped bar. Rev'd around pkrs as well was slightly kicking on backside. HHP in 5809, preflo IFP 624, FFP 624, 60" IBIP 1439, test IFP 643, FFP 643, 90" FSIP 1382, HHP out 5809. BHT 1820.

DST #4 11,610-11,700. TO 15" preflo, 2" test. Opnd w/strong blo. GTS 1" after reopng tool. Stabilized rate on 1" ch, 501, 1.6 MMCFD. Rec 1230' wtr bikt, 270' wtr bikt cut mud, Chl 54,000 PPM. HHP in 5914, preflo IFP 657, FFP 710, 90" ISIP 4816, test IFP 710, FFP 1075, 120" FSIP 4816. HHP out 5914.

DST #5 11,550-11,610. TO 15" preflo, 90" test. Opnd w/good blo, decr to weak on preflo. Reopnd w/good blo thruout. GTS during ISI. Flwd gas AND 30 MCFD, 8# on 1/4" ch. Rec 10,000' FW, 1200' wtr Bikt. HHP in 6000, prefio IFP 1912, FFP 3334, 60" ISIP 4703, test IFP 3486, FFP 4646, 60" FSIP 4703, HHP out 5980.

DST #6 11,490-11,550. Pkrs failed.

Williamson Federal #1

DST #3 11,326-389. Opnd w/weak blo, incr to good @ end of 15" prefio. SI 60", reopnd w/strong blo. GTS in 23". Max rate of 38 MCFD. Rec 1000' Wb, 30' HGCDM. 15" preflo IFP 511, FFP 473, 60" ISIP 4741, 120" test, IFP 473, FFP 473, 240" FSIP 4798.

DST #4 11,400-560. TO w/strong blo. WB to surf in 6". Flwg gas @ 500# on 1" ch; decr to 450# after 60" preflo. Took 60" SI, reopnd tool, rate stab @ 440# on 1" ch for 2"flo, est 11,000 MCFD. Unseated pkr, drpd bar & rev out due to well kicking on backside. 60" preflo IFP 1893, FFP 2083, 60" ISIP 4836, 120" test IFP 2083, FFP 2177, 120" FSIP 4456 (still bldg).

Set pkr @ 11,367.

Perf'd 11,412-422, 11,538-52 w/4 JSPF. Flwd on 1/2" ch @ 800#, 5250 MCFD, stab for 13'. Well making trace of condensate.

PROPOSED LOCATION

Williamson Federal #2

DST #2 11,490-11620. Pkrs failed after 1". Drpd bar, circ'd out gas.

DST #3 Set btm pkrs 11,700 & 11,683 and top pkrs 11,483 & 11,488. Pkrs failed after 5". Jarred loose. Worked DP free, drpd bar, circ'd out gas.

DST #6 11,366-11,720. Opnd tool on 30" PF w/no blo. Had very slight blo @ end of test. SI 90", reopnd & pkrs failed immediately. Rev out 4000' WB. 30" PF, IFP 1745, FFP 1776, 90" ISI, pkrs failed when tool SI, no SI press.

DST #7 11,360-11650. 30" PF, weak blo thruout. 90" ISI, 30" test, no blo, 2' FSI. Rec 300' GCOM, 1000' Wb. Sample chan rec 1 cfg, press NR. PF, IFP 643, FFP 643, 90" ISIP 1173 (still bldg), 30" test, IFP 643, FFP 643, 120" FSIP 1079 (still bldg).

DATUM

DATUM

T/ MORROW CLASTICS

T/ LOWER MORROW

(MAP DATUM)

T/ "BARNETT"

CLEAN SAND ISOPACH INTERVAL

Perf 11,625-35 w/2 JSPF.

Calc AOF 2561 MCF

CAOF 15,000 MCFD

Well P&A

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
TC EXHIBIT NO. 3
CASE NO. 5397
Submitted by
Hearing Date

Texas Oil & Gas Corp.

NORTH BURTON FLAT FIELD AREA
EDDY COUNTY, NEW MEXICO

STRATIGRAPHIC CROSS SECTION
A-A'

SCALE
VERTICAL 1" = 40'
HORIZONTAL NONE

DSW

W.N.M.C.F. MICROGRAPHICS
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B

DATUM

T/ MORROW CLASTICS

T/LOWER MORROW

T/"BARNETT"

Yates Federal #2

DST #1 11,300-11,490. Opnd w/strong blo on 50" preflo. 1500' WB to surf in 30" + 10 bbls drlg mud. GTS in 45", 400# on 1" ch w/good wtr spray. Reopnd on 60" test, strong flow of gas & spray of wtr. Clng up after 45", 260# on 1" ch, 6500 MCFD. Rec 100' dist, 550' GCW. Chl 113,000 PPM, pit 115,000 PPM Chl. HHP in 5809, preflo IFP 2461, FFP 2461, 60" ISIP 4969, test IFP 1439, FFP 1439, 60" FSIP 4152, HHP out 5885.

Perf'd 11,614-26 w/4 JSPF. SWBD dry. A/500 gals. Swbd dry, no show.

Perf'd 11,443-449, 11,370-74, 11,338-347, 11,332-335, 11,322-329 w/4 JSPF.

Flwd on 1/2" ch, 300#, est 2000 MCFD.

Flwd 200 PSI, 1/2" ch 1400 MCFD.

A/4000 gals 15% MSA + 1000 cf per bbl nitrogen.

Flwd 12' on 1/2" ch. Stabilized @ 300#, est 2000 MCFD.

Perf'd 11,170-80, 11,242-47, 11,251-55, 11,274-76. Flwd on 3/4" ch, stabilized @ 90#, est 1400 MCFD for 18'.

CAOF 1687 MCFT.

Yates Federal #4

DST #1 11,230-11,444. Ran 1058' WB. TO 15" FF, 180" tust. TO w/very weak blo, inc thruout FF. Turned to pits in 5". GTS 10" after ISI. Reopnd to pits on 1/4" ch. Opnd to 3/4" ch w/WB to surf in 45". Press steadily incr, stab @ 90# on 1" ch, est rate 2600 MCFD w/some cond & lite spray of wtr. Closed in for 6' PSI. Rec 465' WB, 930' DF. 15" FF, IFP 746, FFP 777, 120" test, IFP 792, FFP 853, 240" FSIP 4733 (still bldg)

Perf'd Morrow 11,289-94, 11,304-14, 11,372-82, 11398-11,404, 11,412,20 w/1 JSPF. Flwd overnite on 3/4" ch, TP 150#, est rate 1500 MCFD. A/5000 gals 7.5 MS + 1,000 cf per bbl nitrogen.

CAOF 2246 MCFD

Yates Federal #3

DST #2 11,350-450. Ran 1000' WB. Opnd on preflo w/strong blo. WB to surf in 7", GTS in 10". Had 800# on 1" ch @ end of 15" preflo. 60" SI, reopnd w/ strong blo. On 1" ch stabilized after 75" @ 975#, est 10,000 MCFD. Making distillate & drlg fluid. SI 180", rev out. Chl on rec wtr 121,000 PPM, pit chl 121,000 PPM. 15" preflo IFP 1231, FFP 2149, 60" ISIP 4824, 90" test, IFP 1256, FFP 2360, 180" FSIP 4816, HHP out 5697.

Perf'd 11,346-360, 11,398-416, 11,445-451 w/2 JSPF. Clng up after 6', reduced ch to 1/2", flwg gas ARO 1600 MCFD @ 250#.

A/3000 gals 7 1/2% MS & 60 ball sealers in 5 stages. Flwd 8' on 1/4" ch @ 2500# 3500 MCFD w/est 50-75 bbls cond per day.

CAOF 4244 MCFD

Williamson Federal "A" #1

DST #3 11,380-11,628 15" FF opn w/WB to surf. 5" GTS 7" ARO 16,000 MCFD on ¾" ch w/2500 psi. Opn on 120" test, stab. gas rate 5500 MCFD w/ 3800 psi on ¾" ch. Rec 85' cond, 70' DW, FF press HA. 120" ISIP 4840, 120" test, IFP 4240, FFP 4677, 240" FSI 4840.

Perf'd 11,412-421, 11,434-446, 11,472-476 w/2 JSPF. Sptd 250 gals 7½% MSA. Acidized w/5,000 gals 7½% MSA.

Perf'd 11,594-616 w/2 JSPF w/tbg gun. Flwd well on 3/4" ch @ 1000# to clean up. Flo stab on 1/2" ch, 2000#, est 13,000 MCFD. SI for press BU.

CAOF 13,717 MCFD

V.R.M.C.F. MICROGRAPHICS

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B'

ederal #2

490. Opnd w/strong
. 2500' WB to surf
drlg mud. GTS in 45"
ood wtr spray. Reopnd
ng flow of gas &
g up after 45". 2604
FD. Rec 100' dist.
,000 PPM, pit
MHP in 5809, preflo
1, 60" ISIP 4969,
P 1439, 60" FSIP
5.

,6 w/4 JSPF. SWBD
. SWBd dry, no show.

149, 11,170-74, 11,338-
, 11,322-329 w/4 JSPF.

, 300#, est 2000 MCFD.

1/2" ch 1400 MCFD.

h MSA + 1000 cf per bbl

2" ch. Stabilized @
MCFD.

40, 11,242 47, 11,251-55,
wd on 3/4" ch, stabilized
0 MCFD for 18".

CAOF 2246 MCFD

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Well I&A

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DATUM

T/ MORROW CLASTICS

T/ LOWER MORROW

T/ "BARNETT"

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
TXO EXHIBIT NO. 4
CASE NO. 9391
Submitted by
Hearing Date

Texas Oil & Gas Corp.
NORTH BURTON FLAT FIELD AREA
EDDY COUNTY, NEW MEXICO

STRATIGRAPHIC CROSS SECTION
B-B'

SCALE
VERTICAL 1" = 40'
HORIZONTAL NONE

DSM

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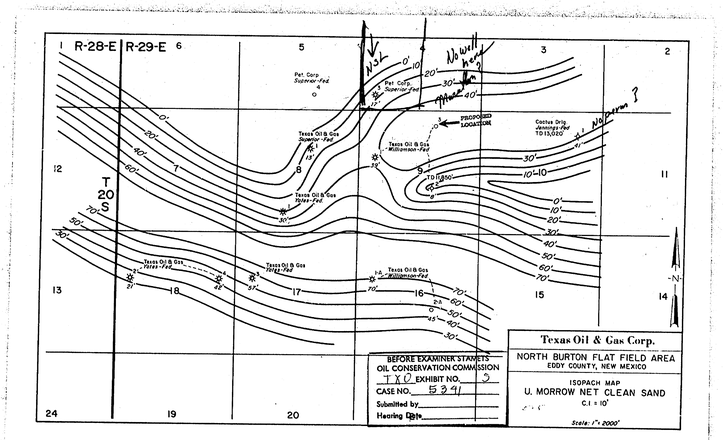

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