

AMAZON DITCH FIELD
A. C. Maddux #3-19
Sec 19-22S-34W
Finney Co., KS

AFE #85947 AFE Cost \$320,00
4,250' Kansas City
Gulf WI 100% REFNO DZ 4699
API #15-055-20572

11/2/84

- 11/02 FIRST REPORT: Loc 2310'FNL & 1650'FEL, Sec 19-22S-34W, Finney Co.,
KS. GL elev @2967'. MI & RU Rains & Williams Rig #2 30%.
11/03-05 @1230', sh, sd, 1230'/16 hrs, 76.9 fph, 8-5/8" csg @864', 9.0# MW.
Drlg w/bit #1 DTJ w/15M 120 RPM to 865'. Circ, TOH, RU & rn 19 jts
8-5/8" K-55 24# STC csg, FS @864', FC @821'. Circ, RU Dowell, cmt
w/250 sk Cl"H" w/16% gel + 3% salt. Tld w/100 sk Cl"H" w/2% CaCl₂.
Circ 8 sk cmt to sfc. BP w/1000#, OK. CIP @7:30 PM 11/3/84. Cut
8-5/8" csg, weld on wellhead, tst to 1500#, OK. NU BOPE, tst BR, PR,
manifold & vlvs to 2500#, OK. Drlg w/bit #2 S3-J w/25M, 70 RPM, 1000#
pmp.
Svy @300' - 3/4°, 600' - 3/4°, 865' - 1°. \$36,436 3 days
11/06 @2500', sd, anhy, 1270'/19 hrs, 66.8 fph, 8-5/8" csg @864'. Drlg w/bit
#2 S3J w/40M, 110 RPM to 2032'. Md 1167'/12.5 hrs, T5 B6 GI, RTCB.
Wsh 40' btm, no fill. Drlg w/bit #3 S86F w/40M, 100 RPM, 1000# pmp.
Svy: 1344' - 1°, 1856' - 1°, 2032' - 1 1/2°. \$46,894 4 days
11/07 (Well was spudded 11/2/84 1:00 AM, 12 1/2" bit.) @3025', lm, sh,
525'/17.5 hrs, 30 fph, 8-5/8" csg @864', 9.2+# MW. Drlg w/bit #3 S86F
w/35M, 75 RPM, 1000# pmp & rig rprs on pmp & std pipe. Svy: 2559' -
1 1/2°. \$52,286 5 days
11/08 @3525', lm, sh, 500'/23 hrs, 21.8 fph, 8-5/8" csg @864'. 9.4# MW.
Drlg w/bit #3 S86F w/40M, 80 RPM, 1000# pmp. Svy: 3144' - 1 1/2°. \$58,672 6 days
11/09 @4175', sd & lm, 650'/23 hrs, 28.3 FPH, 8 5/8" csg @ 864', 9.4# MW.
Drlg w/bit #3 S86F w/40 M 70 RPM 1000# pmp, svy: 3696' - 1 3/4°. 7
days \$65,639
11/10-12 @4225' TD, 4180' PBD, 5 1/2" Csg @ 4223', FW. Drlg to 4225' w/bit #3
S86F w/40 M & 70 RPM md 2187' / 78 hrs, 25 FPH, CCM, ST 15 stds, CCM,
drop svy, TOH, SLM (No Corr), RU Schlum Run Log #1 DIL-SFL-SP-GR
f/4225-864, Run Log #2 CNL-LDT-Cal f/4225-2500', RD Schlum. TIH, CCM,
WOO, POH, Ly Dn Drill String, RU Csg Crew, Run 103 jts 5 1/2" 15.5#
K-55 LT&C to 4223' w/FC @ 4180' (4224 Total), circ, RU Dowell & pmp'd
100 sks HGS + .5% D-65 +.2% D-46 @ 12.6 ppg.
Hd w/200 sks, cl "H" + 3% KCL +.8% D-60 + 1/4 #sk Celloflake @ 15.6
ppg. Displaced w/100 bbls FW, BP w/1500#, full rtns during job. CIP
@ 10:30 a. m. 11/10/84, ND BOP's, set slips w/full string wt, cut off
5 1/2" csg, install tbg spool & tree. Test to 1000#, rls rig @ 3:00
p. m. 11/10/84, rn temp svy: ITOC @ 2600'. 10 days \$131,647 PLACE
ON INACTIVE PNDG COMPLETION
11/14 KB 2990'; DF 2987'; GL 2981'. Tops: Winfield 2552' (+438); Council
Grove 2764 (+226); Heebner Shale 3740 (-750); Toronto 3756 (-766);
Lansing 3800 (-810); Kansas City 3893 (-903); Upper Wyandotte 3900
(-910); Lower Wyandotte 3992 (-1002); Lane Shale 4012 (-1022); Drum
4056 (-1066); Cherryvale Sh. 4131 (-1141); Dennis Lime 4139 (-1149).
11/16 TD 4225', PBD 4180', 5 1/2" csg @4223'. PU f/INACTIVE REPORT MIRU
Hembree WS. DDP, ND tree, NU BOP, Test BOP to 3000 psi. RIH w/SN on
132 jts 2-3/8" OD J-55 8RD EUE tbg to 4177'. Circ well cln w/2% KCL
wtr. SWION. \$145,305
11/17-19 TD 4225', PBD 4180', 5 1/2" csg @4225'. 11-17: Swb well dn to 3200'.
TOH w/tbg. MIRU Rosell WL. Ran GR-CCL strip log f/4177-3700'.

Correlated w/Schlumberger CNL-LDT-GR log dtd 11/9/84. RU lub. RIH w/4"HSCG w/premium charges. Perf'd Dennis Ls of Kansas City f/4142-4147'KB, 5', 10 holes, 120°phas'g. RDMO Rosell. RIH w/1 jt 2-3/8"tbg, Baker Rtrvmtc pkr SN on 130 jts 2-3/8"tbg, set pkr @4121'. SWION. 11-18: Swb well dn to SN, Rec 4.3 BW, SWI 2 hrs, RIH w/sub, no fill.

MIRU Howco w/400 gals 15% MCA w/4 gal FE-1A, 20# FE-2, 1 gal HAI-60. Spot acid across perfs. Set pkr 4121'. Ld annu w/2% KCL wtr. Prsr to 500 psi. Acdzd @½ BPM, 700 psi. Mx prsr 1000 psi. Flushed w/18 bbls 2% KCL wtr. ISIP=500 psi, 5 min SIP 150 psi. 7 min SIP-vac, SWI 1½ hrs, 28 BLWYTR. RIH w/swb, IFL 1460'. Rec 20 BLW, tr oil or swb dn. Swbd well 2 hrs. Rec=33 BW, tr oil, LWR + 25 bbls. FFL 2800'. SWION. 11-19: SWIF Sunday. \$152,459

11/20

TD 4225', PBTB 4180', 5½" csg @4223'. RIH w/swb. IFL=2000'. Rec 59 BW, tr oil/4 hrs. Wtg sp grav 1.03-1.05, Cl 24000-28000, pH 7, res 0.16-0.19. POH w/tbg & pkr. MIRU Rosel WL. Set Baker Mod P CIBP @4105 KB. RIH w/4"HSCG w/premium charges. Corr w/GR-OCL run 11/16/84. Perf L/Wyandotte 3992-4000'KB, 8', 17 holes, 120°phas'g. RDMO Rosel. RIH w/1 jt tbg, Baker Rtrv pkr, SN on 2-3/8"tbg, set pkr @3964'. SWIFN. \$155,290

11/21

TD 4225', PBTB 4180', 5½" csg @4223'. RIH w/swb, IFL=1200'. Rec 10 BW on swb dn. SWI 2 hrs, RIH w/swb. 50' fill in 2 hrs. Rls pkr. MIRU Howco w/600 gal 15% MCA acid w/6 gals Fe-1A, 30# Fe-2 & 1 gal HAI-60. Spot acid across perfs. Set pkr @3964'. Ld annu w/2% KCL wtr. Prsr annu to 500 psi. Acdzd L/Wyandotte. Mx prsr 800 psi. Prsr brk to vac w/1 bbl acid in fm. AIR=1½ BPM, AIP=0 psi. Flushed w/16 bbls 2% KCL wtr. SWI 1 hr. RIH w/swb, IFL=3200'. Swb well dn. Rec 3½ BLW.-

Swb well 3 hrs, rec 6 BLW, well dried up. 21½ BLWYTR. SWION. \$158,290.

11/22-26

TD 4225', PBTB 4180', 5½" csg @4223'. 11-22: RIH w/swb, 500' fill in 15 hrs. Rec 1 BO, 1 BW on swb dn. Swbd well 8 hrs, rec 6½ BO, 5 BLW, 15½ BLWYTR. Last 3 hrs stblzd @1 BOPH w/tr of wtr. 11-23: SD f/Holiday. 11-24: RIH w/swb. IFL 3400'. MIRU Howco w/1000 gals, Mod 202 w/1 gal Cla-Stay & 2 gal 18N. Prsr annu to 500 psi. Pmpd 200 gal acid, foll w/200 gal acid w/100# TLC-80 block @2 BPM 1020 psi. Pmpd remain'g 600 gals acid @4½ BPM 1400 psi. Flushed w/17 bbls 2% KCL wtr.

ISIP=100 psi. 30 sec SIP=vac. Pmpd 41 BLW, 56 BLWYTR. SWI 3½ hrs. RIH w/swb, IFL=2800'. Rec 13 BLW on swb dn. Swbd well 3 hrs, rec 23 BLW, 20 BLWYTR. SWION. 11-25: RIH w/swb, IFL 2900'. Swbd well 8 hrs, rec 65 BW. Last 3 hrs avg 9 BWPB, LWR + 45 BW. \$163,829 11-26: SDF Sunday

11/27

TD 4225', PBTB 4180', 5½" csg @4223' RIH w/swb, IFL=2600', swb 17 BW, tr oil in 1½ hrs. RIH w/tbg to CIBP @4105'. POH w/tbg & tls. \$165,017

11/28

TD 4225' PBTB 4180' 5½" csg @ 4223'. RIH w/Baker retrievomatic pkr on 127 jts 2 3/8" tbg. Set pkr at 4029'. Test CIBP to 2000 psi. Held ok. POH w/ 3 jts. Set pkr at 3934'. SWION. \$166,521

11/29

TD 4225' PBTB 4180' 5½" csg @ 4223'. MIRU Tom Hanson Wireline. Run temp log w/G.R. Tracer survey & temp log. Correlate w/Rosel GR-OCL dtd 11-16-84. Log indicates channeling 24' dn to next zone of porosity. RDMO Tom Hanson. SWION. \$169,521

11/30

TD 4225' PBTB 4180' 5½" csg @ 4223'. Well SI waiting on Dowell cement trks. \$169,521

12/01-12/03

TD 4225' PBDT 4180' 5½" csg @ 4223'. 12-1: MI RU Dowell w/50 sx cl H w/.4 of 1% D-60 F.L. & 50 sx cl H w/3% Ca Cl. Spot 1 sx sd on CIBP set pkr 3866'. Press ann. to 500 psi. Mix & pmp cmt @ 2BPM 0 psi. Displace a 0 psi until 58 sx cmt behind pipe. W/58 sk behind pipe press went to 700 psi. Unset pkr. Revrs'd tbg clean. Set pkr 3746'. Press sqz to 900 psi. Standing press 800 psi. RDMO Dowell. SWION. 12-2: POH w/tbg & pkr. MIRU NL Acme. RIH w/4 7/8" bit, csg scrapper, 20 DC's, 20 jts 2 3/8" tbg. Tag TOC @ 3870'. Drill hard cmt to 4002'. Fell through. Circ hole clean. Press sqz to 600 psi. Held OK. SWION. \$175,905 12-3: SDFS

12/04

TD 4225' PBDT 4180' 5½" csg @ 4223'. Circ well clean w/140 bbls 2% KCL wtr. Swb well dn to 3000'. POH w/tbg & tools. MIRU Rosel Wireline. RIH & perf Lower Wyandotte fm 3992'-4000', 2SPF, 120° phasing, prem chgs, 4" HSCG. Correlate w/GR-CCL dtd 11-16-84. RDMO Rosel. RIH w/ljt tbg, Baker retrievomatic pkr, sn, on 125jts 2 3/8" tbg. Set pkr @ 3964'. Swb well dn to SN. Rec 5 BLW. SWION. \$181,459

12/05

TD 4225' PBDT 4180' 5½" csg @ 4223'. RIH w/swb rec 1½ BW. MIRU Dowell w/600 gal 15% MSR-100 w/12 gal U-42, 1 gal N.E. Spot acid across perms soak acid 30 min. Set pkr 3964'. Ld ann. Press. to 500 psi. Started pmp'g acid ¼ BPM 500 psi. W/2 bbls pmp'd well went on vac. Rate 1 BPM. Fls'd w/17 bbls 2% KCL wtr 1 BPM 0 psi. ISIP-0 psi, 3l BLWTR, SWI 1hr. Resume swbg. IFL-2800'. Swb'd well 5 hrs. Rec 30 BLW Tr oil 1 BLWYTR. \$184,165

12/06

TD 4225' PBDT 4180' 5½" csg @ 4223'. RIH w/swb. IFL-3000'. Rec 6 BW on swb dn. Swb'd well 8 hrs. Rec 28 BW. LWR & 33 BW. SWION. \$185,476

12/07

TD 4225' PBDT 4180' 5½" csg @ 4223'. RIH w/swb IFL-3500'. Rec 4½ BW on swb dn. POH w/tbg & pkr. L.D. tailpipe. RIH w/tbg & pkr. Set pkr 3966'. SWION. \$186,756

12/08-12/10

TD 4225' PBDT 4180' 5½" csg @ 4223'. 12-8-84: MIRU Dowell w/50 sks cl H cmt w/2% Ca Cl & 50 sks cl H cmt. Set pkr 3866'. Press ann to 500 psi. Mix & pmp cmt @ 2 RPM 0 psi. Displace cmt on vac w/20 sks cmt behind pipe well sqzd to 1000 psi. Reverse out excess cmt. POH w/4 jts tbg. Set pkr. Press to 1000 psi. RDMO Dowell. SWION \$190,641 12/9-12/10: SDFWE WOC. \$190,641

12/11

TD 4225' PBDT 4180' 5½" csg @ 4223'. POH w/tbg & pkr. MIRU mud pmp & power swivle. RIH w/4 7/8" bit, 4 DC's on 2 3/8" tbg. Tag TOC 3820'. Drill hard cmt to 4002'. Fell through. Test sqz to 800 psi. Held OK. Circ well clean w/140 bbls 2% KCL wtr. RDMO mud pmp & power swivle. SWION. \$194,092

12/12

TD 4225' PBDT 4180' 5½" csg @ 4223'. Swb well dn to 3000'. POH w/tbg & BHA. MIRU Rosel WL. RIH w/4" HSC csg gun & perf L. Wyandotte 3992'-98', 2SPF, 120° phasing, premium chgs. Correlate w/GR/CCL dated 11-16-84. RIH w/Baker 5½" Retrieva-Matic pkr on 126 jts 2 3/8" EUE tbg & set @ 3964'. Swb well dn to SN. Rec'd 4.5 BW 0 BO 0 Gas. No FL entry. SDFN. \$198,087

2/13

TD 4225' PBDT 4180' 5½" csg @ 4223'. RIH w/swb, tagd FL @ 3564'. Swb'd 2 BW no show. Waited 2 hrs, 100' fluid fill up in tbg. Swb'd ½ BW. MIRU Howco. Spot'd 500 gals 15% MCA cont'g 5 gals FE-1A, 25# FE-2

across L. Wyandotte perms. Set pkr, prsr'd ann to 500 psi. Started pmp'g flsh, prsr increased to 800 psi, well went on vac after 1½ bbls pmp'd. Accepted remaining acid @ 2 BPM. TBLWTR-29 BW. SWI for 1½ hrs. RIH w/swb, IFL-2800'. Rec'd 13 BLW, 16 BLWYTR. 300' fill on last run. SWION \$200,499

- 12/14 TD 4225' PBTB 4180' 5½" csg @ 4223'. RIH w/swb, IFL-3500'. Rec'd 34 BW/7hrs, LWR & 18 BW. FL entry-4.8 BWPB. SSOO. No gas. SD for weather. \$201,562
- 12/15-17 TD 4225' PBTB 4180' 5½" csg @ 4223'. 12-15-84: RIH w/swb IFL=3500'. Rec'd 32 BW in 7 hrs. LWR & 50 BW. No show of oil or gas. Wtr ann:PH=6.8, S.G.:1.062, R=.11 @ 60%, CL=49,000. \$202,842 12-16/17: SDFWE
- 12/18 TD 4225' PBTB 4180' 5½" csg @ 4223'. POH w/tbg & tools. MIRU Rosel Wireline. RIH w/gauge ring & junk basket to 4020'. FL-3050'. RIH & set Baker Model P CIBP @ 3980'. RIH w/dump bailer. Dmp 12' cmt on plug. PBTB-3968'. RIH w/4" HSCG w/premium charges. Perf Upper Wyandotte fm 3900'-3904', 2 SPF, 120° phasing, 8 holes. Correlate w/G.R. strip dtd 11-16-84. RDMO Rosel. RIH w/ 1 jt tailpipe, Baker retrievomatic pkr, SN, on 125 jts 2 3/8" tbg. Set pkr @ 3930'. Test CIBP to 2000 psi. Held OK. POH & set pkr @ 3868'. EOT 3901'. Swb well dn to S.N. Rec 5 BLW. SWI 2 hrs. RIH w/swb, 900' fill. Rec'd 1½ BO & 2 BW. SWION. \$207,928
- 12/19 TD 4225' PBTB 4180' 5½" csg @ 4223'. TP-0 psi. RIH w/swb, IFL-1800', 2100' fill in 16 hrs. Swb well dn, rec 8 BO 1 BW. Swb'd well 3 hrs. Rec 6 BO ½ BW. MIRU Dowell w/300 gals 15% MSR 100 w/6 gal U-42 & 1 gal W-39. Acidized Upper Wyandotte. AIR- 1/3 BPM, AIP-25 psi, Max P-200 psi. Fls'd w/16 bbls 2% KCL wtr. ISIP-0 psi, 23 BLWTR. SWI 30 min. RIH w/swb IFL-1000'. Swb'd well 3 hrs, rec 28 BO 3 BLW. Last hr rec-6 BO 1 BW 20 BLWYTR. TBOR-42 SWION. \$210,225
- 12/20 TD 4225' PBTB 4180' 5½" csg @ 4223'. SITP-0 psi. RIH w/swb IFL-1800'. 2100' fill in 15 hrs, swb'd well 8 hrs. Rec 54 BO 10 BLW GTSTM 10 BLWYTR. FFL-3600'. Swbing fr SN @ 3900'. \$211,575
- 12/21 TD 4225' PBTB 4180' 5½" csg @ 4223'. POH w/tbg & pkr. RIH w/MA SN on 124 jts 2 3/8" EUE tbg. Intake @ 3930'. RIH w/2" x 1½" x 12' RWBC pmp on 156-3/4" x 25' GR C rods. RDMO WSU. Set Prkrsburg 114 PU & 2-10' x 15' stock tanks. Wrk'g on flowline. SDFN. \$254,971
- 12/22-26 12-22: Compl laying flowline & electric line. HU tank battery. \$267,859 12-23: Set 25 HP electric motor, PWTP @ 3:00 p.m., 7 SPMx54"x1½". 12-24: Pmp'd well 15 hrs, rec'd 9.3 BO, 10 BLW + 40.4 BW.LWR.GTSTM. 12-25: Pmp'd well 24 hrs, rec'd 55 BO, 33.4 BW. GTSTM 12-26: Pmp'd well 24 hrs, rec'd 48.3 BO, 32.4 BW. GTSTM \$272,680
- 12/27 Pmp'd well 24 hrs. Rec'd 40 BO, 39 BW GTSTM. Well completed 12/22/84 as a pmp'g oil well in the Amazon Ditch field @ a rate of 40 BOPD, 39 BWPB, GTSTM. Well is perforated fr 3900'-3904' KB in the Upper Wyandotte of the Kansas City Group. Well is subject to statewide spacing of 10 acres in the Kansas City. TD=4225' PBTB=3968'. Allowable is 50 BOPD. Final cost: \$273,000 FINAL REPORT DROP