

Bunyan

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 185-22, 723-0000

County Stafford, KS

S E / 4 Sec. 18 Twp. 25S Rge. 12  East West

1650 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Bunyan Well # 1

Field Name Bunyan

Producing Formation Marmaton, Viola, & L-KC

Elevation: Ground 1908 KB 1913

Total Depth 4300 ft. PBTD 4273

Operator: License # 9705

Name: Mid American Hydrocarbon, Inc.

Address 114 E Ave. North

City/State/Zip Lyons KS 67554

Purchaser: NCRA

Operator Contact Person: Kerry Davison

Phone (316) 257-5111

Contractor: Name: Woodman & Lannitti Drilling Co.

License: 5122

Wellsite Geologist: Dan DeBoer & Kevin Davis

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

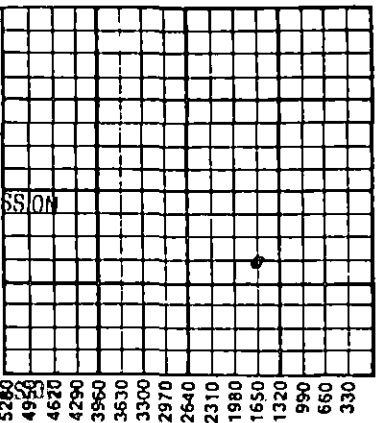
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

10-12-90 10-20-90 12/14/90

Spud Date Date Reached TD Completion Date

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SEP 19 1991



Amount of Surface Pipe Set and Cemented at 243 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature \_\_\_\_\_

Title President Date 7/19/91

Subscribed and sworn to before me this 22 day of July, 1991

Notary Public **MICHELLE TAYLOR**  
NOTARY PUBLIC  
STATE OF KANSAS  
21295

Michelle Taylor

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

21

SIDE TWO

Operator Name MAHI Lease Name Bunyan Well # 1  
 Sec. 18 Twp. 25S Rge. 12  East  West  
 County Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Formation Description  
 Log  Sample

FORMATION TOPS	LOG	SAMPLES
Heebner	3416 (-1503)	3417 (-1504)
Douglas	3454 (-1541)	3456 (-1543)
Brown Lime	3582 (-1669)	3581 (-1668)
Lansing	3596 (-1683)	3596 (-1683)
Base/Harris City	3890 (-1977)	3889 (-1976)
Marmaton	3910 (-1997)	3902 (-1989)
Simpson	4116 (-2203)	4105 (-2192)
Simpson Sand	4140 (-2227)	4136 (-2223)
Arbuckle	4227 (-2314)	4218 (-2305)

CASING RECORD  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface production	12 1/4	8 5/8	20	243'	Standard/Poz A	160	2% gel/ACC
	7 7/8	5 1/2	14	4300	Standard/Poz A	175	10% salt .75% 1% kaol 5% gypsumite

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	Viola 4026-33	750 gal. 15% Fe acid	
		1500 gal. 15% Fe acid	
		1250 gal. 15% Fe acid	
2	Lansing 3859-66, 3746-52, 3622-30	23,700 gal. 6% Frac.	
		1,000 gal. 15% Ne acid	

TUBING RECORD Size 2 7/8 Set At 4189 Packer At None Liner Run  Yes  No

Date of First Production 12-17-90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15		80		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

1. d hys - blh, occ  
2. silt, p lty - sb p lty.

crum - tin, m - wind,  
cxl, chks. p  
rxl p.

1. mgs, occ lty.  
occ s lty.

H, a lty, occ calc  
s lty.

H, - r/c, occ ls.

H, mgs - gssrn, occ  
bl x, c r/s.

SH, s/r, occ d hys.

H, d hys - mgs, occ  
lty silt - s lty  
cl. mgs.

H, c/r

s, fan, occ lty, wind,  
n lty, occ s lty  
chks, p lty

H, gssrn - mgs, occ  
ret. mgs.

s, crum - lty, occ tan,  
wind, occ lty, occ cxl.  
re ch, p - fr intool - lty

s, ula p - fr intool p.  
occ pp p.

s, lty - fan, m ind,  
n lty, occ lty, p - fr  
it lty, p, occ pp - lty p.

s, alc, occ posmidic p  
d pp p.

SH, gssrn - mgs.

s, fan - crm, m ind,  
n lty, m crs, occ lty,  
mgs, fr intol - lty p.

s, c/r, occ tan - lty

DST #1

LKC A, B

1st Open: GTS 18"  
50.2 MCF/GPD

2nd Open:  
29.0 MCF/GPD

REC - 120' mud  
240' OCM \*  
180' MCO  
60' SOLW  
300' SW  
(98,000 chl.)

PRESSURES:

FH: 1802  
FFP: 30 - 26 / 30  
ISIP: 1077 / 45  
FFP: 45 - 306 / 45  
FSIP: 1027 / 60  
FH: 1763  
BHT: NA

\* Breakdown  
240' OCM  
60' - 50% m, 20% o,  
30% s  
60' - 40% m, 35% o,  
25% s  
120' - 40% m, 40% o,  
20% s  
180' MCO  
60' - 20% m, 10% w,  
50% o, 20% s  
60' - 15% m, 15% w,  
55% o, 20% s  
60' - 30% w, 45% o,  
25% s

Rare blh ves.  
stn. No odor.  
N.F.O., No Flor.

Rare blh ves. stn.  
ala

Sl odor, scatt  
brn - black stn,  
tr brn - blk f.d.  
poor m lty cuts, dull  
bell. Flor.  
Sl - fr odor, scatt  
occ sp lty brn stn,  
occ brn f.o. sp lty  
bell. Flor. dull - brn  
yel stn, cut.

Vis 46

WT 9.1

WL 10.4

chl 7,000

-10/17/90-

Rare brn stn  
No odor, Rare  
S.F.O. but yel.  
Flor, slow yel  
cut

Vis 49

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CONSERVATION DIVISION  
Wichita Kansas

ORIGINAL

Flor, slow gel cut

LS, als pntxl - los

w/SH, gssrn - mss.

LS, tan - ltgy, m-wind, mixcl - m xl, occ snc, occ chng, pntxl  $\phi$ , SH, mss - gssrn.

LS, crm - tan, m ind, mixcl, n-sl cng, chng, occ los, pntxl  $\phi$ , SH, mss - gssrn.

LS, crm - lt tan, m ind, mixcl, n-sl cng, occ chng, occ pp  $\phi$ , occ sp. bubbles, and blebbing oil.

SH, gssrn - mss, occ drss.

LS, crm - wh, m ind, mixcl, n-sl cng, occ chng, occ pp  $\phi$ .

LS, als pntxl  $\phi$ , N.S.

LS, crm - tan, m-wind, mixcl, n-arg, occ chng, occ chng pntxl  $\phi$ , occ dol, snc.

SH, m-dhss, occ gssrn, LS, gy - tan, m ind, mixcl, n-arg, occ ool, fr-g intool  $\phi$ , occ pp  $\phi$ , occ oomitic  $\phi$ .

LS, ltgy, m ind, mixcl, n-sl cng, occ los, chng, pntxl los - xl  $\phi$ .

SH, mss - gssrn.

LS, gy - tan, m ind, mixcl, occ ool, pntxl - xl  $\phi$ .

LS, crm - tan, m-wind, mixcl, n-arg, occ ool - los, smeool brn, fr intool - los  $\phi$ .

LS, sh less ool - los, pntxl  $\phi$ .

LS, ltgy, m ind, mixcl, n-sl cng, occ chng, pntxl  $\phi$ .

LS, crm - ltgy, m-wind, mixcl, occ chng, occ ool, fr - s intool  $\phi$ , occ pp  $\phi$ .

LS, als fr - g intool  $\phi$ , occ pp  $\phi$ .

Rare S.F.O. (brn), sl odor, rare S, bit PRS, oil, Rare - occ spotty brn stn, poor gel cut.

Rare dk brn - blk stn, V dull, yell flor, P milky cut, sl odor.

P-fr S.F.O. No odor, occ spotty brn stn, Good gel cut, brite yell spotty Flor, may have U.S.I odor.

Rare dk brn spury stn, No odor, No F.O., dull yell flor, poor milky cut.

Dull - smoky gel. Flor, F.S.O. (dk brn), occ spotty brn stn, rare sat stn, Good gel stng cut, VSI - No odor.

Show als

Vis. 4.8

WT 8.6

WL 16.4

Vis 4.4

WT 8.8

WL 14.4

chl. 12,000

DST \* 2

LKC H Zone

1st Open: WK blow (1/4")  
2nd Open: WK blow (1/2")

RCC - 15' oil spotted mud.

Pressures:

IH: 1902°  
EFP: 30-30°/30'  
ISIP: 142°/45'  
FFP: 30-30°/30'  
FSTP: 214°/60'  
FH: 1852°  
BHT: 110°

- 10/18/90

DST \* 3

LKC J Zone

1st Open: Strong blow  
occ bottom in 20"  
2nd Open: 9" blow

RCC - 180' GIP  
45' 50CM (P60)  
120' MSW  
(70,000 CH)

Pressures:

IH: 1892°  
EFP: 71-81°/30'  
ISIP: 120°/45'  
FFP: 103-122°/45'  
FSTP: 116°/60'  
FH: 1882°  
BHT: 110°

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CONSERVATION DIVISION  
Wichita, Kan. 672

ORIGINAL

LS, dol, con-tan, wind, mixt, ool, Fxl, ool SUC, pntxl, ch, wh, var, fract, ool pnt.

Strong gel cuts. ool blk-brn str, N.S.F.O., No odor. Rare gel. floor, poor milky gel cuts.

Vis 52

Wt 9.3

WL 17.6

Chl 19,000

LS, aka pntxl, ool, dol, s/s N.S., ch, s/s

ool blk res str, N.S.F.O., No odor

LS, Dol, tan-wh, wind, mixt, var, pntxl, ch, wh, var, calc, h, ang, ool fract - pp

ool blk res str, rare brn spots str, N.S.F.O., No odor, V.P. milky gel cut

Mix Mud Switched To starch system

Vis 46

Wt 9.2

WL 8.0

Chl 16,000

Dol, LS, tan-con, wind, mixt, ool, Fxl, N.S. ang, ool SUC, p-er intxl, ch, wh, h, ang, PP, ool, fract

Rare blk res str, No floor, V.P. milky cut, No odor, No S.F.O.

Dol, LS, aka pntxl

Rare blk res str, No S.F.O., No odor, No floor, V.P. milky cut

W/ch, wh, s/s, fine fract, PP

DST #4

4098-4155

Simp. Sand

1st open: w/ blow down 2nd open: No blow, flushed, no help

SH, gray-brn, ool blk, dhs, sbp, ool carb

Rare show blk globy, F.O., blk str, No floor, No odor, No cuts

ool ch, LS, dol, s/s N.S., ool ss, dhs, fin sm pntxl, ss, gy, fri, f-mgr, subd-rd, msat, sl calc, p-intgr, w/sh, mag, dhs, ss sm

Rare blk res str, poor floor, No odor, No F.O., V.P. milky wh-gel cut

ss, aka p-er intgr, w/ch, wh, s/s, fine fract, SH, mag-dhs, ool brn

ss, gy, f-grn, ool mgr, subd, msat, fri, sl calc, p-er intgr, ool carb, ool s/s

ool brn spots str, Rare gel floor, N.F.O., No odor, poor gel cut

ss, aka p-er intgr, SH, mag-gy, ool sbp, ss, s/s ool carb, glauc

Show aka, ool pp floor, Good gel str, cut, No odor, N.F.O.

SH, mag-gy, ool dhs, brn, sbp, ool s/s, carb

ss, gy, cin, f-mgr, ool mgr, msat, fri, sl calc, f subd, ool sbp, ool carb, ool s/s, p-er intgr, tr glauc

ss, s/s ool gy siltst, carb, p-er intgr, SH, dhs, blk-gy, sbp, ool pyr, ss, s/s p-er intgr, SH, mag-dhs, ool brn, gy, s/s ool pyr, ool tan-con LS

SH, s/s carb, sbp, ss, aka f-grn-slt, p-er intgr, ool carb, ool tan-con LS, ool, ool admitt

SH, mag-dhs, ool brn, ool s/s, s/s

W/LS, ool, s/s p-intgr, SH, s/s, ss, gy, f-grn-slt, fri, subd, msat, sl calc, carb, ool glauc, pntgr

RECEIVED STATE CORPORATION COMMISSION

SEP 19 1991

DIVISION Wichita, Kansas

ORIGINAL

J.C. MUSGROVE  
Certified Petroleum Geologist #1627  
P.O. Box 1162  
Great Bend, Kansas 67530

Office (316) 792-7716

Res. (316) 793-9152

COMPLETION REPORT

Mid-American Hydrocarbon  
Bunyan #1

SE-NW-SE Section 18-25S-12W  
Stafford County, Kansas

11-12-90

Move in and rig up Kizzar double drum unit. Swab hole down and test dry. Halliburton Logging, Perforated (Viola), 4026-4033 with S.S.B. Jets 2 shots per foot. Run swab, no fluid.

11-13-90

Run swab, recovered 20 foot fluid, questionable rain-bow show of oil. Hook up Halliburton, treat zone with 750 gallons 15% D.S. Fe. acid, stop and go rate to 1850 p.s.i. Finish treatment at 4 barrels per minute at 800 p.s.i. (Start acid job at 10:43 a.m., finish at 3:25 p.m.). Change sand line while acidizing. Pressure dropped to 625 pounds in 5 minutes, release pressure and flow back 3 barrels fluid. Total load to recovery is 115 barrels. Swab to 3450 feet, short 24 barrels load. Slight show of oil and gas on last pull.

11-14-90

Fluid at 3250 feet. Fair show of gas. 200 feet oil on top fluid, oil and water to Total Depth of 4273 feet, short 7 barrels of total load, 30 minute pull, no fluid. Change swab cups, back to bottom. Recover 3 barrels fluid, 50% oil. Test at rate of 1 barrel fluid per hour, 70% oil.

11-15-90

150 feet fluid in hole, 65% oil. Hook up Halliburton and treat with 1500 gallons 15% D.S. Fe. acid, and 10 sealer balls. Pump 500 gallons acid, dump one (1) sealer ball each two (2) barrels acid. Finish treatment at 8 1/2 barrels per minute at 1050 pounds. I.S.I.P. - 600 pounds, 5 minute - 450 pounds 10 minute - 250 pounds, 20 minute - 200 pounds. Release pressure and flow back 1 1/2 barrels fluid. Total load to recover is 137 barrels. Swab down and recover 117 barrels fluid. Short 21 barrels of total load.

11-16-90

Fluid at 3400 feet (app. 900 feet fill-up). 150 feet oil, good blow gas. Swab to bottom. Recover approximately 2 barrels fluid, 35% oil in 30 minutes. Perforate at 3930-3937 with S.S.B. Jets 2 shots per foot. Run swab, recover 50 feet fluid, 35% oil. Run Halliburton "quick set" 5 1/2" retrievable bridge plug on sand line. Plug set at 3960 feet. Run swab, no fluid in hole. Treat with 1250 gallons 15% N.E. acid. Maximum pressure 500 pounds. Finish treatment at 500 pounds at injection rate of 7 barrels per minute. I.S.I.P. - 250 pounds, 15 minutes - 100 pounds. Release pressure and blow back 2 barrels fluid. Swab hole down. Short 20 barrels load.

11-19-90

950 feet fluid in hole. 600 feet oil, 350 feet water. Swab down, recover 5 barrels over acid load. Swab approximately one (1) barrel fluid per hour on swab test (50% oil). In hole to recover R.B.P. Could not recover plug. Dump approximately 70 barrels fluid. Cannot recover plug.

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WICHITA, KANSAS

Mid-American Hydrocarbon  
Bunyan #1  
SE-NW-SE Section 18-25S-12W  
Stafford County, Kansas

ORIGINAL

Page Two

11-20-90

In hole with 2 7/8" tubing, latch on to and pull R.B.P. out of hole. In hole with swab. 1400 feet fluid in hole, 150 feet oil, 1250 feet water. Test at rate of 2 1/2 barrels per hour, gas and oil increasing, (35% oil).

11-21-90

900 feet fluid in hole. 300 feet oil, 600 feet water. Good blow gas. Test at rate of one (1) barrel fluid per hour, 18% oil.

11-22 through 11-25-90

Shut down Thanksgiving Holiday.

11-26-90

1900 feet fill-up. 650 feet oil, 1250 feet water. 650 pounds shut in pressure. Swab one (1) barrel fluid per hour, 43% oil.

11-27-90

Hook up Halliburton at 4:30 p.m. Fracture well with 23,700 gallons My-T Gel "frac". 123 sacks 20/40 sand and 25 sacks 12/20 sand. Maximum pressure 1250 pounds at 15 B.P.M. Finish treatment at 1240 pounds at 14 B.P.M. I.S.I.P. - 1020 pounds, 5 minutes - 800 pounds, 10 minutes - 750 pounds. Shut in.

11-28-90

Hole standing full of fluid. Rig up and run 142 joints 2 7/8" E.U.E. tubing, (1) 16-foot perforated mud anchor, (1) 1-foot seating nipple. Hook up well head connections and start swabbing load back.

11-29-90

Trace gas on tubing, swab back approximately 200 barrels fluid, swab off bottom at rate of 35 barrels fluid per hour, 30% oil.

11-30-90

500 pounds casing pressure, 50 pounds tubing pressure. Fluid at 1800 feet, 100 feet oil. Swab down, recover approximately 50 barrels. Short approximately 150 barrels of "frac" load. Well swabbing and flowing by heads approximately 8 barrels fluid per hour, 51% oil. Well quit flowing, swab at rate of 5 barrels per hour, 30% oil, casing pressure 300 pounds.

12-3-90

780 pounds casing pressure, 2800 feet fluid in hole, 150 feet oil. Swab down, well started flowing. Flow 26 barrels oil in 20 minutes. Finish 8 hour swab test at 7 barrels fluid per hour, 35% oil.

12-4-90

Casing pressure 660 pounds, flow oil, out of annulus. Pull 2 7/8" E.U.E. tubing. Rig up Halliburton perforate Lansing, 3858-3866, 3746-3752, and 3622-3630 feet with S.S.B. Jets 2 shots per foot. Rig up and run 5 1/2" R.T.T.S., R.B.P. and 2 7/8" E.U.E. tubing in hole. Straddle perforation at 3858-3866 feet. Treat with 1000 gallons 15% N.E. acid. Stop and go rate to 1500 pounds. Formation broke, treat at 3 barrels per minute at 1100 pounds. I.S.I.P. - 650 pounds, 5 minutes - 495 pounds, 15 minutes - 400 pounds. Shut well in.

Page Three

12-5-90

Well on vacuum. Fluid at 350 feet. Total load to recover is 50 barrels. Swab to bottom, recover 34 barrels fluid, good blow gas, 30 minute swab test, well made 30% oil at 4 barrels fluid per hour. Move packers to treat zone at 3746-3752 feet. Treat with 1000 gallons 15% N.E. acid. Spot acid over perforation. Stop and go rate to 1400 pounds. Finish treatment at 650 pounds at injection rate of 3 barrels per minute. I.S.I.P. - 400 pounds, 5 minutes - 275 pounds, 10 minutes - 200 pounds. Swab down, recover 37 barrels of 48 barrel load, good show oil. First 30 minute test well swabbed, 8 barrels fluid, 30% oil. Short approximately 4 barrels of acid load.

12-6-90

3500 feet fluid in hole, 100 feet oil. Recover 70 barrels fluid on swab down. Test at rate of 8 barrels fluid per hour, 10% oil. Straddle perforation at 3622-3630 feet. Spot acid over perforations. Treat with 1250 gallons 15% N.E. acid. Stop and go rate to 938 pounds. Finish treatment at 4 barrels per minute at 710 pounds. I.S.I.P. - 350 pounds, 5 minutes - 72 pounds, 4 minutes - 26 pounds, on vacuum in 13 minutes. Swab down, total load to recover is 55 barrels, short 15 barrels when swabbed to bottom. Well swabbing 5 barrels fluid per hour, 40% oil.

12-7-90

Well flowed out of annulus over night. (Tubing head not packed off). 950 pounds tubing pressure. Well flowed 4 1/2 barrels fluid in 30 minutes, 30% oil. Pull 2 7/8" E.U.E. tubing, R.T.T.S. and R.B.P. out of hole. Start running 2 7/8" tubing, 16 foot mud anchor and 1 foot seating nipple in hole, run 70 joints in hole, well kicked off and flowed over crown of derrick. Shut in and pack off casing head.

12-10-90

590 pounds casing pressure, 450 pounds tubing pressure. Hook up Gee Oil Service and pump 40 barrels water down tubing and annulus. Finish running 2 7/8" tubing in hole. Total of 142 joints 2 7/8" E.U.E. tubing, (1) 16 foot perforated mud anchor, (1) 2 7/8" x 1 foot seat nipple. Tubing set at 4189 feet. Seating nipple at 4174 feet.

Run (84) 3/4" x 25 foot, (82) 7/8" x 25 foot sucker rods, (1) 4 foot x 7/8", (1) 6 foot x 7/8" rod subs, (1) 2 1/2" x 1 1/2" x 10 foot B.H.D. Pump, with 6 foot gas anchor. Dismantle and haul tank battery from Stover A-5, and set on grade at Bunyan #1. Lay 2 1/2" plastic lead line, hook up well head connections. Rig down and move out Kizzar Double Drum Unit.

12-11 through 12-14-90

Setting equipment and hooking up Bunyan #1.

Respectfully submitted,

*J.C. Musgrove*  
J.C. Musgrove  
Petroleum Geologist

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STATE CORPORATION COMMISSION

JUL 23 1991

COMMERCIAL  
Wichita, Kansas







INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
037206	10/12/1999

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
MUNYAN 1		STAFFORD		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
GREAT BEND	WOODMAN-IANNITTI	CEMENT SURFACE CASING		10/12/1999	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
79469	RICH WHEELER			COMPANY TRUCK	0331

MID AMERICAN HYDROCARBON  
114 EAST AVE. NORTH  
LYONS, KS 67554

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA 000-117	A - MID CONTINENT MILEAGE	15	MI.	2.35	35.25
		1	UNT		
001-016	CEMENTING CASING	243	FT	440.00	440.00
		1	UNT		
030-503	WOODEN PLUG	8.5/8	IN	59.00	59.00
		1	EA.		
504-308	STANDARD CEMENT	96	SK	5.35	513.60
506-105	POZMIX A	64	SK	2.79	178.56
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	25.75	103.00
500-207	BULK SERVICE CHARGE	160	CFT	1.10	184.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	107.66	TMI	.75	80.75
INVOICE SUBTOTAL					1,594.96
DISCOUNT-(BID)					318.99
INVOICE BID AMOUNT					1,275.97
*- KANSAS STATE SALES TAX					36.06
*- BARTON COUNTY SALES TAX					8.49
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,320.52

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 9 1991  
CONSERVATION DIVISION  
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
018528	10/21/19

WELL/LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BUNYAN 1		STAFFORD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
GREAT BEND		WOODMAN-IANNITTI OIL	CEMENT PRODUCTION CASING		10/21/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
579469	KEVIN C. DAVIS			COMPANY TRUCK	039

MID AMERICAN HYDROCARBON  
114 EAST AVE. NORTH  
LYONS, KS 67554

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	UMS	UNIT PRICE	AMOUNT
000-117	A - MID CONTINENT MILEAGE	15	MI	2.35	35.25
		1	UNT		
001-016	CEMENTING CASING	4299	FT	1,200.00	1,200.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	5 1/2	IN	53.00	53.00
		1	EA		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	104.00	104.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.1925					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.1931					
40	CENTRALIZER 5-1/2" MODEL S-4	7	EA	44.00	308.00
807.93022					
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	155.00	155.00
018-317	SUPER FLUSH	12	SK	74.00	888.00
504-308	STANDARD CEMENT	105	SK	5.35	561.75
506-105	POZMIX A	70	SK	2.79	195.30
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-968	SALT	900	LB	.10	90.00
509-968	SALT	400	LB	.10	40.00
508-292	GILSONITE, SACKED	400	LB	.42	168.00
507-775	HALAD-322	113	LB	5.75	649.75
507-210	FLOCELE	44	LB	1.30	57.20
500-207	BULK SERVICE CHARGE	205	CFT	1.10	225.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	129.06	TMI	.75	96.80
INVOICE SUBTOTAL					4,940.55
DISCOUNT - (BID)					741.06
INVOICE BID AMOUNT					4,199.49

SEP 19 1991  
CONSERVATION DIVISION  
Wichita, Kansas

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

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