RESUME

Operator Union Pacific Resources Company

Well Name and Number: #8 Bledsoe 12-30

Prospect: Bledsoe Ranch Field Development Well

Location: 1980' fnl & 660' fwl, Section 30, T-12S, R-50W

County and State: Cheyenne, Colorado

Elevation: GL: 4847, KB: 4857

Spud Date: February 26, 1991

Completion Date: March 9, 1991

Drilling Foreman: Ed Martin

Wellsite Geologist: John C. Lamb

Contractor: Murfin Drilling Co., Rig 14

Tool Pusher: Jim Renner

Mud Type: Chem-Gel

Mud Company: MSI, Rich Steinbrink

Hole Sizes: 12 1/4" 0-367'; 7 7/8" 367-6350'

Surface Casing: 8 5/8" set at 354'

Logs Run: PDS, DSI; British Plaster Board, Liberal, Kansas

Total Depth: 6350'

Drilling Days: 10'

Rotating Hours: 156'

Bottom Formation: Missippian St. Louis

Status: Plugged & Abandoned

FORMATION TOPS AND CORRELATION

	UPRC #8 Bledsoe 12-30 SW NW 30-12S-50W KB 4857 E-Log	CPC #1 Bledsoe 14-30 SW SW 30-12S-50W KB 4810 E-Log
HEEBNER	5084(-227)	5036(-226)
LANSING	5132(-175)	5084(-274)
MARMATON	5512(-655)	5468(-658)
CHEROKEE	5638(-781)	5584(-774)
ATOKA	5850(-993)	5801(-991)
MORROW SHALE	6079(-1222)	6027(-1217)
MORROW V7 SAND	not dev	6166(-1356)
MORROW V11 SAND	6273(-1416)	6218(-1408)
L.MORROW Ls.	6286(-1429)	6244(-1434)
TOTAL DEPTH	6348(-1391)	6625(-1815)

BIT RECORD

BIT	SIZE	TYPE	IN	OUT	FOOTAGE	HOURS
1	12 1/4"	S33S	0'	367'	367'	9
2	7 7/8"	ATJ-05	367'	3133'	2766'	30 3/4
3	7 7/8"	F-17	3133'	6350'	3217'	116 3/4

SURVEYS

136 3/4	1398 1/4	3133 1/2	4672 1
227 3/4	2403 1/4	3667 1/2	5180 3/4
896 1/2	2909 1/2	4170 3/4	5686 3/4

DRILL STEM TESTS

DST #1
Cherokee Fm.
5600' - 5649'
Straddle Test
Result: Valid
Times: 15, 30, 60, 60 Minutes

PRESSURES		COMMENTS
IHP	2773	
IFP	276-373	Opened with 3" blow, btm of bucket in 3 min
		Gauged readings with water: 5 min 15",
		10 min 22", 15 min 27", 20 min 27",
		25 min 29", 30 min 28"
ISIP	1476	35 min 29", 40 min 29.5", 45 min 31", 50 min 31",
		55 min 31", 55 31.5" 60 min 29.5"
FFP	461-870	No gas to surface during FFP
FHP	2694	Gas to surface 30 min into FSIP, good yellow-blue
		flame when flared

SAMPLER RECOVERY

Total Volume:	3150 cc
Oil:	900 cc 40 degree API
Water:	1750 cc 43,000 ppm chlorides
Gas:	18.33 cu ft

PIPE RECOVERY

Reversed Out:Total Fluid: 2170' highly gas cut through out; 100' gassy mud, 180' mud cut gassy oil, 790' clean oil gas cut & with gas pockets

MUD REPORTS

DATE	3-4	3-5	3-6	3-7
DEPTH	4945	5385	5720	6170
WT	9.1	9.0	9.2	9.2
VIS	37	40	45	42
PV	17	19	21	23
YP	10	11	14	13
GEL	4/14	5/14	5/19	5/16
WL	15.8	12.4	8.0	9.8
CK	2/32	2/32	2/32	2/32
Sol	5.5	5.0	6.25	6.25
Sd	.25	.25	.25	.25
pH	9.0	9.0	9.0	9.5
Alk pf/mf	.4/.7	.3/.5	.3/.45	.6/1.1
Chl	500	500	500	500
Cal	210	160	100	120
LCM	3	2	tr	3

DAILY CHRONOLOGY

	DATE	11:59PM DEPTH	FOOTAGE DRILLED	ACTIVITY
DAY 7	3-4	5352'	542'	drill,trip for washed DC
DAY 8	3-5	5690'	338'	drill,circ smpl 5500, 5575
DAY 9	3-6	6060'	363'	drill
DAY 10	3-7	6350'	290'	drill,hit bridge with logs
DAY 11	3-8	6350'	0'	circ,log,release geologist

SUMMARY

The #8 Bledsoe was drilled on the basis of subsurface geology. The primary objectives were the Morrow V7 Sand and the Marmaton oolitic shoals present in wells to the south.

Total Morrow Clastic thickness was 207'. No V7 Sand was encountered. Samples from this interval contained: Shale: light buff to light brownish buff, splinty to flakey, soft, waxy texture, fine to coarse carbonaceous debries. A poorly developed V11 Sand was encountered and appeared to be "regional" in respect to porosity and quality: Sandstone: semi translucent predominately u. to l. medium grn, frequent fine grn, occasional coarse to very coarse grn, poor sorted, friable, fair consolidated with siliceous & calcareous cementing, moderately to very slightly argillaceous, generally tight with no visable porosity, traces very faint very dull gold fluorescence, no cut.

In the Marmaton, the stratigraphic equivalent to the possibly productive oolite shoal in the #1 Bledsoe was not present. No shows were encountered.

In the Cherokee, a show was encountered: Limestone grading to Dolomite: light brownish grey, coarse crystalline to very fine granular, very friable, very clean, with no visable porosity, predominately with spotty dull to very dull green fluorescence, fast faint greenish cut. This interval was drill stem tested with gas oil and water in the recovery

SAMPLE DESCRIPTIONS
(Depths are unlagged)

5020 Ls-wh-lt bnsh wh vfxl-fxl-occ cxl sli arg tr: bnsh lith vdns
/calc hld frac
Sh-rd to gy

5030 Ls-lt-m gy fxl-vfxl incrly arg
Sh-incr amt m-dk gy

5040 Ls-chng:off wh fxl-micxl-cxl decrly arg

5050 Ls-off wh vfxl-micxl

5060 Sh-def incr:rd-dk gy

5070 Ls-off wh-lt gy vfxl-micxl /occ sparry indet Pkst

5080 Ls-lt bnsh-off wh micxl-lith sli sparry
Sh-m-dk gy flky mod carb

5090 Ls-chng:wh-off wh fn-micxl indet Pkst sli-mod sparry

5100 Ls-off wh micxl-fxl bec pred Wkst

HEEBNER

5110 Sh-def incr dk gy-blk rgh txt mod-vcarb

5120 Sh-chng:m gy-gysh gn fn txt sli carb /tr blk vcarb
Ls-chng:sm amt fn gran-cxl sdy

5130 Ls-off wh fxl-micxl /sme bnsh lith vdns

5140 No Sample

```
5150  Ls-cont'd /sme wh sb chky vsft
5160  Ls-off wh micxl-lith-fxl pred dns /sme wh sb chky vsft
      Sh-cont'd fr amt
5170  Sh-decr amt
      Ls-wh sb chky fxl-sft
5180  Ls-chng:vlt bnsh gy-off wh micxl vrgh txt frag? indet Pkst? mod arg
5190  Ls-chng:lt gysh wh lith-micxl dns
      Sh-def incr m gy fn txt flky-blky
5200  Ls:chng:off wh sb chky-fxl sft
      Sh-decr amt
5210  Ls-off wh-lt tnsh wh fxl-lith frm sm amt oolithic
      Ss-sm amt:off wh fg sb ang g srtd pr cons vfri-sft
5220  Sh-incr?amt:m-vdk gy
      Ls-off wh fxl-sb chky occ lith & sparry
5230  Ls-chng:lt gysh fxl-micxl frm dns arg indet Wkst
5240  Ls-lt gysh wh-lt gy rgh txt arg ool Wkst-Pkst occ fos Wkst frm-sli sft
5250  Ls-AA /tr amts oolsparite
5260  Ls-off wh ool Pkst-wkst decrly arg
5270  Ls-chng:off wh-vlt gy fos Wkst vfxl-micxl
      Sh-incr amt lt-m gy flky fn txt
5280  Ls-lt gy-off wh fos Wkst
5290  Ls-lt gy micxl-lith ool Wkst /freq lse ool
5300  Ls-cont'd bec cxl i.p. sft-frm
5310  Sh-def incr:m-dk gy flky fn txt sme blk vcarb
5320  Ls-off wh-lt tnsh wh fxl-micxl ool Wkst
      Sh-cont'd hvy amt gy's
5330  Sh-decr amt Ls-cont'd / sm amt Cht:smi trnsl-trnsl
5340  Ls-lt gy-lt bnsh wh fxl-micxl
5350  Ls & Sh:cont'd
5360  Ls-off wh fxl-vfxl occ cxl ool Pkst vfri
5370  Sh-gy's AA /sm amt blk vcarb
      Ls-cont'd /decr Pkst
5380  Ls-chng:smt amt off wh cxl frm sm amt /even yel-gn flor slo sb stmg
      gn ct
5390  Ls-sli incr amt /show AA
5400  Ls-cont'd incr show to approx 5% of smpl, tr /lt bn oil stn
5410  Ls-off wh /incr amt lt gy-lt tn micxl-vfxl dns brit fos Wkst occ
      sparry
5420  Sh-sm amt blk vcarb
5430  Ls-pred lt gy fxl-micxl ool-fos Wkst /occ Pkst
5440  Ls-cont'd /sm amt lt bn cxl vdolic fri vlt oil stn even gnsh yel flor
      wk mlky-sb stmg gnsh ct
5450  Ls-lt-m gy off wh micxl-vfxl dns indet Wkst mod arg
5460  Ls-cont'd /tr vdolic /pr show AA
5470  Sh-chng:def incr:lt-m gy flky-blky vfn txt pyr
      Ls-def chng:gy-bn lith-crpxl arg vdns app /freq micxl-vfxl

5480  Ls-bec less dns & incrly arg
5490  No Sample
5500  Ls-lt tn-off wh fxl-vfxl frm sft /bn crpxl vdns app pred fos Wkst
```

Circulation Samples at 5500':
+15 min Ls incr wh AA /tr's vsparry ool Pkst /sm amt vdolic:lt bnsh wh cxl
     even gnsh yel flor pr sb stmg gnsh ct
+30 min Ls-incr wh mod-vsparry ool Pkst occ non sparry sm amt lse ool tr's
     chalk rimmed oolc poro NSOC
+45 min Ls-bec Mdst /decr ool incr Sh-gy-blk
5510 Ls-off wh-tn-bn sme vsparry ool Pkst /freq ool-fos Wkst mod-sli arg
5515 Ls-chng:bec lt gysh-off wh gran dolic arg sli sdy
5520 Ls-incrly sdy grds to Ss-lt gy-off wh vfg-l.fg fr srtd vcalc sli dolic
     occ vfn pyr clus
5525 Ss-cont'd fr amt AA
<center>MARMATON</center>
5530 Ls-lt gysh vfn gran-cxl vdolic grds to Dol
5535 Ls-def chng:wh-off wh micxl-lith vdns app mod sparry indist fos-ool
     Wkst
5540 Ls-cont'd ool-fos Wkst
5545 No Sample
5550 Ls-chng:m gy micxl-fxl mod-varg i.p.
5555 Ls-chng:off wh sb chky-fxl /bn lith vdns app
5560 Ls-chng:off wh-lt bn micxl-lith /freq vsparry ool Pkst occ frag app
5565 Sh-incr amt: m gy sme vdk gy vcarb
5570 Ls & Sh:cont'd
Circulation Samples at 5575
+15 min Ls-wh-off wh sb chky-vfxl tr's cxl pred ool-fos Wkst sme lt bn
     lith-crpxl ool Pkst no oolm poro dev tr's fr intxl poro /dull uneven
     gnsh yel flor wk f sb stmg gnsh ct
+30 min Ls-cont'd AA bec slty-sdy i.p.
+45 min Ls-bec pred lt bnsh fxl-crpxl sparry dns incrly arg rgh txt
5580 Ls-tn-vlt bn lith-micxl occ vfxl indist Wkst scatt dull yel flor
5590 Ls-tn-bn-dk gysh bn micxl-fxl rgh txt fos Wkst occ vfos grdg to Pkst
5600 Ls-decr lt'r col incrly arg & dns
5610 Ls-lt gy-bn lith-fxl fos Wkst vfos i.p. mod arg sli sdy i.p.
5620 Ls-chng:bec pred off wh fxl-mxl scatt dull gnsh yel flor vwk ct
5630 Ls-bec lt bn lith-micxl vdns app
5640 Ls-chng:bec dk bn micxl incrly arg
<center>CHEROKEE</center>
5650 Sh-blk-vdk gy vcarb
5660 Sh-sli incr amt blk vcarb
     Ls-pred bn lith-micxl vdns freq lt-m gy fxl-micxl frm ool Wkst
5670 Ls-bec pred lt'r col fxl-vfxl-sb chky no vis poro pred /spotty
     dull-vdull gn flor f fnt sb stmg-stmg gnsh ct
5680 Ls-cont'd /decr amt show
     Sh-incr amt blk vcarb
5690 Sh-def incr: vdk gysh bn to blk vcarb i.p.
5700 Sh-big incr AA
     Ls-off wh-tn micxl-vfxl fos Pkst-Wkst occ chlky /sli incr amt
     vdull gnsh flor
5710 Ls-lt gy-bnsh fos Pkst-Wkst micxl-lith vrgh txt incrly arg i.p.
5720 Ls-cont'd & bec sli less dns

5730 Ls-lt gy-lt bn fxl fos Wkst
5740 Ls-bn-lt gy fos Wkst lith-micxl incrly dns sme varg
5750 Sh-dk bn-blk mod-vcarb

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5760 Sh-cont'd /decr vcarb
5770 Ls-vlt gy fxl sli arg bnsh gy lith-micxl fos-ool Wkst
5780-5800: Samples bec 50% rd bds
5810-20: No Samples
5830 Ls-bec pred lt gy micxl frm /tr ool Pkst /cxl infill
5840 Ls-lt gy-off wh micxl frm
     Sh-cont'd incr amts m-dk-vdk gy mod-vcarb
5850 Ls-sli incr ool Pkst
     Sh-cont'd lrg amt AA
5860 Sh-dk gy flky fn txt
5870 Sh-sli incr blk-vdk gy vcarb
                        ATOKA
5880 Ls-lt bnsh lith-fxl vsparry ool Pkst5890 Ls-lt-m gy micxl-vfxl sli-mod
arg dns
5900 Ls-chng:mot lt-dk gy micxl-lith incrly arg
5910 Ls & Sh: AA
5920 Ls-mot gysh bn-dk gy micxl dns sparry i.p.
5930 Sh-incr amt blk vcarb
5940 Ls-pred lt-m-dk gy micxl dns
5950 Sh-def incr blk vcarb
5960 Ls-gysh bn-dk gy micxl-vfxl dns arg
     Sh-pred lt-m-dk gy /sme blk vcarb
5970 Ls-m gy-gysh bn decrly arg
5980 Sh-incr blk vcarb
     Ls-lt-m gy lt gysh bn micxl-lith dns brit cont'd less arg
5990 Sh-cont'd /incr blk vcarb
6000 Ls-bec dk gy micxl-lith dns incrly arg
6010 Ls-chng:incr lt-m gysh tn fxl-vfxl pred less dns & decrly arg
6020 Sh-incr blk vcarb
     Ls-lt-dk gy vfxl-lith mot i.p.
6030 Sh-AA /sm amt gn fn txt frm-sli frm
6040 Ls-pred dk gy lith vdns app
6050 Ls-m-dk gy mot rgh txt dns vfos Wkst
6060 Ls-bec less dns & incrly arg
6070 Ls-mot AA
6080 Ls-vlt gy-dk gy fxl-micxl mot i.p. cont'd arg
     Sh-cont'd blk vcarb
6090 Ls-AA
     Sh-sli incr lt-m gy fn txt
6100 No Sample
                        MORROW SHALE
6115 Sh-incr amt:m-dk gy lt gn blk vfn txt tr Coal /plnt txt
6125 Sh-lt-m-dk gy-blk tr's lt'r col wxy txt sft
6130 Sh-freq vlt gy fn txt sft
6135 Sh-lt-m-dk gy flky fn-vfn txt
6140 Sh-AA /sm amt lt'r col mot sb wxy txt flky /freq fos frags
6145 Sh-incr amt lt'r col
6150 Sh-pred lt-m gy sft vfn txt mic mica
6155 Sh-AA /sm amt vlt bn wxy splty wavy carb stks
```

```
5760  Sh-cont'd /decr vcarb
5770  Ls-vlt gy fxl sli arg bnsh gy lith-micxl fos-ool Wkst
5780-5800: Samples bec 50% rd bds
5810-20: No Samples
5830  Ls-bec pred lt gy micxl frm /tr ool Pkst /cxl infill
5840  Ls-lt gy-off wh micxl frm
      Sh-cont'd incr amts m-dk-vdk gy mod-vcarb
5850  Ls-sli incr ool Pkst
      Sh-cont'd lrg amt AA
5860  Sh-dk gy flky fn txt
5870  Sh-sli incr blk-vdk gy vcarb
                              ATOKA
5880  Ls-lt bnsh lith-fxl vsparry ool Pkst
5890  Ls-lt-m gy micxl-vfxl sli-mod arg dns
5900  Ls-chng:mot lt-dk gy micxl-lith incrly arg
5910  Ls & Sh: AA
5920  Ls-mot gysh bn-dk gy micxl dns sparry i.p.
5930  Sh-incr amt blk vcarb
5940  Ls-pred lt-m-dk gy micxl dns
5950  Sh-def incr blk vcarb
5960  Ls-gysh bn-dk gy micxl-vfxl dns arg
      Sh-pred lt-m-dk gy /sme blk vcarb
5970  Ls-m gy-gysh bn decrly arg
5980  Sh-incr blk vcarb
      Ls-lt-m gy lt gysh bn micxl-lith dns brit cont'd less arg
5990  Sh-cont'd /incr blk vcarb
6000  Ls-bec dk gy micxl-lith dns incrly arg
6010  Ls-chng:incr lt-m gysh tn fxl-vfxl pred less dns & decrly arg
6020  Sh-incr blk vcarb
      Ls-lt-dk gy vfxl-lith mot i.p.
6030  Sh-AA /sm amt gn fn txt frm-sli frm
6040  Ls-pred dk gy lith vdns app
6050  Ls-m-dk gy mot rgh txt dns vfos Wkst
6060  Ls-bec less dns & incrly arg
6070  Ls-mot AA
6080  Ls-vlt gy-dk gy fxl-micxl mot i.p. cont'd arg
      Sh-cont'd blk vcarb
6090  Ls-AA
      Sh-sli incr lt-m gy fn txt
6100  No Sample
                           MORROW SHALE
6115  Sh-incr amt:m-dk gy lt gn blk vfn txt tr Coal /plnt txt
6125  Sh-lt-m-dk gy-blk tr's lt'r col wxy txt sft
6130  Sh-freq vlt gy fn txt sft
6135  Sh-lt-m-dk gy flky fn-vfn txt
6140  Sh-AA /sm amt lt'r col mot sb wxy txt flky /freq fos frags
6145  Sh-incr amt lt'r col
6150  Sh-pred lt-m gy sft vfn txt mic mica
6155  Sh-AA /sm amt vlt bn wxy splty wavy carb stks
```

```
6160 Sh-AA /decr wxy AA
     Ss-sm amt:uncon:clr u.mg-l.cg /sli tr clus:clr mg ang vprly cons
     even bri yel-gn flor vfnt slo stmg ct
6165 Ss-decr amts to vsli tr amt
6170 Sh-lt-m-dk gy flky /tr lav flky wthd app
6175 Ss-cont'd vsli tr's AA
6180 Sh-def chng:bec varicol /lust wthd app
6185 Sh-decr varicol AA bec pred lt-m-dk gy flky fn txt
6190 Ls-incr:off wh fxl-cxl glau fos
6195 Sh-incr varicol /lust
     Ss-sm amt clus:gnsh vfg-l.fg hd vw cons glau calc cem
6200 Sh-varicol vfn txt freq /lust
6205 Sh-tr buf-lt bn mot splty wxy carb debr /amts AA
6210 Sh-pred varicol /lust vfreq lt'r col wxy AA
6213 Sh-varicol pred lt gy-lt gn flky /freq varicol /lust
6218 Ss-def incr:vhvy tr:trnsl-clr u.fg-l.mg-occ l.cg sb rnd-ang pr-fr srtd
     sme /vfnt vdull gd flor no ct
6226 Sh-cont'd lt gy-lt gn flky fn txt
6231 Ss-cont'd tr's AA
```
<div align="center">V7 MARKER</div>

```
6236 Sh-chng:lt buf-lt bnsh buf flky-splty sft wxy wavt carb debr fnly pyr
6240 Sh-cont'd incr amts:lt buf-lt bnsh buf AA
6245 Sh-txt bec pred vfn /cont'd amts splty sft /carb debr
6250 Sh-cont'd splty sft /carb debr /pos incr amts blk carb
6255 Sh-?incr dk gy-blk
6260 Sh-admixture vlt gy-blk-gn
6265 Sh-lt-m gy pred plty-flky fn txt freq lt bnsh lav /lust
6270 Sh-pred m-dk gy flky fn txt
6275 Sh-pos sli incr lt gn-lt gy flky fn-vfn txt frm sme /lust
6280 Sh-pos incr lt buf-lt bn wxy splty carb debr
     Ss-sm amt uncon:clr l.cg-u.fg vsli tr clus:clr u.fg ang fr coins
6285 Sh-vdk gy-blk-lt gn fn-vfn txt
6290 Ss-vsli tr clus:smi trnsl u.fg-l.cg vpr srtd arg i.p. calc cem
```
<div align="center">V11 MARKER</div>

```
6295 Sh-def chng:lt buf-lt bn splty sft wxy txt freq /wvy carb debr & stks
     Ss-chng & incr to vhvy tr clus: clr trnsl u.fg-mg-l.cg sb rnd fr-pr
     srtd vprly cons vvfri non arg sil cem vfn pyr NSFOC
```
<div align="center">V11 SS</div>

```
6300 Ss-big incr:5-8% of sample:clus:smi trnsl pred u.-l.mg freq fg occ
     cg-v.cg sb ang pr srtd fri fr cons calc & sil cem vfreq fn pyr sme
     glau pred tite app NSFOC
6305 Ss-cont'd amt /sli decr grn size i.p. tr fr vis poro vfnt vdull gnsh
     gd flor no cut
```
<div align="center">LOWER MORROW</div>

```
6310 Ls-buf-off wh lith-micxl dns sli fos Wkst
     Ss-sli decr amt
6315 Ls-incr amt wh AA
     Ss-def decr amt
6320 Ls-off wh-buf lith crpxl vdns app fos Wkst
6325 Ls-AA /tr calc lined edges NSOC
6330 Ls-def chng:wh lith vsparry ool Pkst
6340 Ls-chng:off wh fxl-mxl-cxl mtx ool Pkst vsli arg NSOC
6350 Ls-buf-lt bnsh wh fxl indist ool Pkst
```