

JAMES R. WILLIS, P.E.
1820 S. THIRD
BLACKWELL, OKLAHOMA 74631

Phone: (580)363-0158
FAX: (580)363-0374

PROFESSIONAL ENGINEERING SERVICE

DATE ^{5,} April 2005

INVOICE NO. 057

TO: City of Blackwell

P. O. Box 350

Blackwell, OK 74631

Attn: Sally Norris, City Manager

DATE	DESCRIPTION OF WORK	AMOUNT
March 1, March 31, 2005	See HIGHLIGHTS, March 2005 and Detail Sheets enclosed.	
	<u>MONTH TOTALS:</u>	
	City, Municipal Authority: 131.75 @ \$33.00.....	801-512-211 \$4,347.75
	Phelps-Dodge Hours: 38.75 Hours @ \$33.00	131-500-336 \$1,278.75
	TOTAL	\$5,626.50

Submitted by:

James R. Willis
James R. Willis, P.E.

Date 4/5/05

MONTH MARCH YEAR 2005

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



		CITY	PDC	SPECIAL	CUMULATIVE		
					CITY	PDC	OTHER
T	1	5.50	0.50				
W	2	7.50	0.50				
TH	3	2.00					
F	4	1.25	3.25				
S	5						
S	6						
M	7	1.75					
T	8	9.25	1.25				
W	9	7.25	0.25				
TH	10	8.75	1.25				
F	11	2.75	2.50				
S	12	3.25	1.00				
S	13	4.00					
M	14	10.25	0.50				
T	15	7.50	2.50				
W	16	5.00	4.25				
TH	17	6.25	1.75				
F	18	1.00	0.75				
S	19	9.25	0.75				
S	20						
M	21	5.50					
T	22	4.25	2.00				
W	23	10.75					
TH	24	5.00	6.75				
F	25	3.75	2.50				
S	26						
S	27						
M	28						
T	29	3.75	0.75				
W	30	3.25	4.00				
TH	31	3.00	1.75	TOTAL			
		131.75	38.75	170.50			

SPECIALS; DESCRIPTION OF :

OTHER :

2005

MONTH MARCH WORK TIME LOG - JAMES R. WILLIS

DAY	SANTA FE SEWER	BAGBY SEWER	LEGION PARK LIFT STATION	CUPID SPORTS COMPLEX : W/S = WATER/SEWER P.L. = PARK'S LOT	NORTHSIDE SCHOOL (N.S.) LAKE BLACKWELL DAM (LBDA)	CODE ENFORCEMENT #1	
1							1
2	0.75				N.S. 1.50	0.25	
3			0.50		LBDA 0.75	(HOBBS) 0.50	
4					LBDA 0.25		
5							5
6							
7					N.S. 1.00		
8				W/S 0.25		4.00	
9					N.S. 0.25	(HOBBS) 1.00	
10						(HOBBS) 0.50	10
11						(HOBBS) 0.25	
12							
13	2.00	2.00					
14	2.00	4.75		P.L. 2.00	N.S. 0.25		
15	2.50			P.L. 1.50		(HOBBS) 0.25	15
16		2.75				(HOBBS) 0.50	
17		0.50				(FEES) 0.25	
18							
19		2.00		P.L. 1.75		0.25	
20							20
21		1.00				0.50	
22						(FEES) 0.50	
23	4.75	1.50		P.L. 0.50			
24							
25	3.00					(HOBBS) 0.25	25
26							
27							
28							
29		1.00					
30				P.L. 1.25			30
31						(HOBBS) 0.50	
			0.50		4.00	9.5	51.75

2005

WILLIS ENGINEERING
CONSULTANTS
P.O. Box 787 Blackwell, OK 74631
(580) 363-0158

MONTH MARCH WORK TIME LOG - JAMES R. WILLIS

DAY	WESTSIDE ENGRG REPORT (PEC)	CONSENT ORDER #05-005 - WWTP (PEC)	MISC. DRAINAGE	KANSAS LANDFILL	CODE ENFORCEMENT #2 (INSPECTIONS) (CITY HALL ELEVATOR)	ENTRY OF ACCURATE LAB DATA	
1							
2							
3							
4							
5							5
6							
7							
8	3.00						
9	5.75						
10					Pool (1.00); Depot (0.5)	1.00	10
11		2.00					
12							
13							
14							
15					ELEVATOR 1.25		15
16		0.50			400 CLUB 0.25		
17							
18							
19			LADDER (0.50) CITY HALL	0.25	YOUTH CTR 0.50		
20							20
21			(COW. AVE DRNG) 0.50		ELEC CODE 0.50		
22					ELEC 1.00		
23			DITTO 0.50		LEG. PK POOL 0.50		
24							
25							25
26							
27							
28							
29							
30		0.75			ELEVATOR 0.25		30
31					ELEC. 0.75		
TOTALS	9.75	3.25	1.50	0.25	6.50	1.00	21.25

2005

WILLIS ENGINEERING
CONSULTANTS
P.O. Box 787 Blackwell, OK 74631
(580) 363-0158

MONTH MARCH WORK TIME LOG - JAMES R. WILLIS

DATE	LOCATION					
1	BIA BLDG					
2	ASSOC. CHARITIES BLDG					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23		1.00				
24		5.00				
25						
26						
27						
28						
29						
30						
31						

CONT'D (3/2/05)

TUES. MARCH 1, '05

① 1015 - 1045 FAX AD TO EVANS; CALL REC FOR OTHER CONTRACTORS (21ST ST)

0.50

1630 - 1730 - TRAVEL TO P.C. W/ LEAVE PRINTS OF SANTA FE SEWER +

② 1045 - 1130 CALCS + CHK CDM'S

0.75

CONSULT W/ M. CHAPMAN

1.00

SPECS RE: WTP BACKWASH

2100 - 2230 - CURT EST - NORTH SIDE SCHOOL

1.50

③ 1130 - 1200 - W/ KURT - DITTO

0.50

1200 - 1230 - W/ SJN - UPDATE OF

2230 - 2400 + 2400 - 0100

① + ③

0.50

PREVIOUS 1.00 in the morning

2.50

1330 - 1530 PREP ADDENDUM

13.5

TOTAL

8.0

FOR BACKWASH JOBS

2.00

THURS. 3/3/05

1530 - 1600 - REVIEW R.D. REPORT

0.50

1030 - 1045 - W/ DEB - RE:

SUB-TOTAL

4.75

INVOICE FOR WTP TURBIDIMETERS

0.25

1900 - 2015 COMM MTG
no pre-meeting this time
TOTAL

1.25

1045 - 1115 - W/ KAREN KALAFIAN

6.00

- RE: HOBBS (KAREN@HOBBS RES)

WED. 3/2/05

CALLED ME FROM THERE.

2.50

1030 - 1045 - W/ SJN & D. KEEN

1115 - 1130 - W/ DAMON - RE:

RE: POLE MISALIGNMENT

0.25

SURVEYS: 13TH/FERGUSON FOR POLES

1045 - 1100 CALL NOBLE (CIMARRON

AND LEGION PARK

0.25

CONSTR) RE: WTP BACKWASH

0.25

1130 - 1145 - W/ CATHAL CORBIS DITTO

0.25

1100 - 1145 - CHK SANTA FE SWIR

1430 - 1515 - W/ SJN & J. THRG

DUGS

0.75

RE: LAKE BUCKWELL DAM

0.75

1145 - 1200 CHK FIRE ALARM DUGS OF MOTEL

0.25

15.5

2.00

1300 - 1330 - RUN COLOR COPIES

OF WELL DRILLER'S EQPT

0.50

① 1330 - 1430 RESEARCH PUMPING

FROM U.G. VAULT TO LAGOONS

1.0



He'd also ~~try~~ ^{try} P.R. Person for Phelps Dodge charged to them

SAT. 12 MAR '05

1515-1545 - ADDENDUM #1 - 21ST STREET - FINALIZED, FAXED TO EVANS 0.50
 1545-1600 - WELDEX INFO TO FLYNN (0.25)
 1600-1645 - SUMMARY REPORT OF 3/11/05 CONF CALL (0.15)
 1645-1930 - COST EST., WTP BACKWASH 2.75
 TOTAL 4.25

SUN. 13 MAR '05

1515-1915 BID DOCS PREP - BAGBY PARK & SANTA FE SEWER 4.0

MON. 14 MAR '05

0930-0945 - ADDENDUM INFO TO L. COCHENOUR 0.25
 0945-1015 - W/ ERON DODACK, RE: PROGRESS W/ WELLS (0.50)
 1015-1100 - BID DOCS ~ BAGBY & SANTA FE 0.75
 1100-1200 RESEARCH - SUB-BASE PREP - BALL FIELD (S.W. CUPID) 1.00
 1300-1600 - BID DOCS - BAGBY etc 3.00
 1600-1700 - W/ CONTECH - RE: CUPID PARKING LOT 1.00
 1700-1715 - W/ K. RONAWEKAMP - WPP RE: 0.25
 1715-1845 - BID DOCS - BAGBY ETC 1.50
 2030-2130 - REJECT BID FROM PAT HIFF
 2130-2300 - BID DOCS - BAGBY + HEALTH ISSUES. 1.00

TUESDAY 3/15/05

0930-1000 REVIEW ELEVATOR - SPECS - CALL SERVICE CO. 0.70
 1000-1100 - W/ ERON - THEN RESEARCH SANTA FE SEWER (1.00)
 1100-1130 - P.R. - PDC W/ SHARON ROWEN W/ P.C. NEWS (0.50)
 1130-1230 - SPECS - SANTA FE SEWER W/ CALL FROM HOUSTON KEMPTON ~ BITO (1.00)
 1300-1315 - W/ PAUL HOBBS 0.25
 1315-1345 - W/ SJN, RE: HOBBS, SANTA FE SEWER 0.50
 1345-1430 - MEMO TO ELEVATOR SERVICE FIRM 0.75
 1430-1700 - SANTA FE SEWER SPECS 2.50
 1900-2030 - COMM MTS 1.50
 2030-2200 - CUPID PARKING LOT 1.50
 TOTAL 10.0

Bagby Park Contaminated Also
 What Health Issues?

1.50

He'd also ^{by} ~~for~~ P.R. Person for Phelps Dodge charged to them

Bagby Park Contaminated Also
 What Health Issues?

SAT. 12 MAR '05

1515-1545 - ADDENDUM #1 - 21 ST STREET - FINALIZED, FAXED TO EVANS	0.50
1545-1600 - <u>WELDER INFO TO FLYNN</u>	0.25
1600-1645 - <u>SUMMARY REPORT OF 3/11/05 CONF CALL</u>	0.75
1645-1930 - <u>COST EST., WTP BACKWASH</u>	2.75
TOTAL	4.25

SUN. 13 MAR '05

1515-1915 <u>BID DOCS PREP - BAGBY PARK & SANTA FE SEWER</u>	4.0
--	-----

MON. 14 MAR '05

0930-0945 - ADDENDUM INFO TO L. COCHENOUR	0.25
0945-1015 - W/ ERON DODACK, RE: PROGRESS W/ WELLS	0.50
1015-1100 - BID DOCS - <u>BAGBY & SANTA FE</u>	0.75
1100-1200 RESEARCH - SUB-BASE PREP - BALL FIELD (S.W. CUPID)	1.00
1300-1600 - BID DOCS - BAGBY etc	3.00
1600-1700 - W/ CONTECH - RE: CUPID PARKING LOT	1.00
1700-1715 - W/ K. ROWNKAMP - WPP	0.25
1715-1845 - BID DOCS - BAGBY ETC	1.50
2030-2130 - REJECT BID FROM RATHIFF	1.00
2130-2300 - BID DOCS - BAGBY + HEALTH ISSUES.	1.50

TUESDAY 3/15/05

0930-1000 REVIEW ELEVATOR SPECS - CALL SERVICE CO.	0.50
1000-1100 - W/ ERON - THSN RESEARCH <u>SANTA FE SEWER</u>	1.00
1100-1130 - PR - PDC W/ SHARON ROWEN W/ P.C. NEWS	0.50
1130-1230 - <u>SPECS - SANTA FE SEWER W/ CALL FROM HOUSTON</u>	1.00
REMPTON ~ BITO	1.00
1300-1315 - W/ PAUL HOBBS	0.25
1315-1345 - W/ SJN, RE: HOBBS, SANTA FE SEWER	0.50
1345-1430 - MEMO TO ELEVATOR SERVICE FIRM	0.75
1430-1700 - <u>SANTA FE SEWER SPECS</u>	2.50
1900-2030 - COMM MTS	1.50
2030-2200 - CUPID PARK'G LOT	1.50
TOTAL	10.0

WED. 3/16/05

3/16/05 CONT'D.

1000-1030 - COVER LETTER TO MILES
 MUNGLE + PHO. CALL, RE: C.O. SENT TO HIM 0.50

1030-1045 - w/ ERON - RE: UPDATE
 ON WELLS + H₂O CLEANUP (0.25)

1045-1100 - CALLS TO K. KHALAFIAN
 RE: HDBBS 0.25

1100-1115 - REVIEW E-MAIL FROM
 D. PAGE, RE: SUPPLEMENTAL COMMENTS
 FROM HSWMR - RE: RETEC (0.25)

1115-1145 REVIEW INFO FROM
 DOUG COVERT, RE: WELL CLOSURES (0.50)

1145-1200 - FINAL CALL TO KAREN,
 RE: HDBBS 0.25

1315-1330 - MAIL 0.25

1330-1430 - w/ CONTRACTOR
 MEADE (ROBERT + TERESA) (1.00)

1430-1500 - MEMO TO DOUG
 COVERT - RE: (HIS PLAN - MY INPUT) WELL CLOSURES (0.50)

1530-1545 - w/ JIM INMON
 AT REAR OF 400 CLUB 0.25

1545-1645 - ORGANIZE WELL
 CLOSURE FILE INTO (1) CONTRACTOR
 (2) BID INFO (3) DOCUMENTATION (1.0)

1645-1730 - 2nd MEMO TO COVERT
 RE: MEADE'S QUESTIONS (0.75)

1730-1815 - "DRIP" + RESEARCH
 ~ WATER 0.75

2030-2315 - SPECS + BID DOCS
 - BAGBY PARK SEWER 2.7
 TOTAL 9.2

3/17/05 THURS.

0830-0900 - w/ TOM SOBETZ -
 SEWER PROJECT 0.5

0900-1100 - w/ RUNDLE, BELAIR,
 SJN - RE: THMS 2.0

1100-1200 - w/ ERON AT
 WELL SITE (1.0)

1300-1330 MAIL 0.5

1330-1430 - RESEARCH THMS 1.0

1430-1445 - RESEARCH -
 "IMPACT" FEES ?? 0.25

1445-1530 - REVIEW SCHEDULE
 FROM HSWMR
 - RE: WELL CLOSURE (0.7)

1530-1730 - RESEARCH CHLORINATION/
 CHLORAMINATION 2.0

TOTAL 8.0

✓

FRIDAY 3/18/05

1000-1030 - w/ ROBT MULLINS OF DEP - RE: TTHMS 0.50
 1030-1115 - w/ JOE FLYNN, ETAL WEEKLY CALL Phelps Dodge (0.75)
 1115-1130 - WRITE UP - RE: TTHMS 0.25
 1130-1145 - w/ CHAS ABBOTT Newspaper 0.25
 Total 1.75

SAT. 3/19/05

0900-0915 REVIEW KANSAS LETTER - RE: LANDFILL 0.25
 0915-1115 - PREP BAGBY PK RELIEF SEWER BID DOCS FOR ISSUANCE 2.00
 1115-1215 - NOTES FROM CONVERSATION w/ ROBT MULLINS + CHECK OF DETENTION TIME THRU FILTERS 1.00
 1530-1800 - DITTO w/ CALCS OF CONTACT TIME 2.50
 1800-1830 MEMO TO TERRY BOONEWELL, RE: LADDER IN STOREROOM 0.50
 1830-1900 - MEMO, RE: YOUTH CTR PLEGG 0.50
 1900-1930 - MEMO TO SJN w/ MULLINS' INFO 0.50
 1930-1945 - MEMO TO INMON - RE: STORMWATER INFO FROM BFE 0.25
 2115-2200 - WEEKLY REPORT - PDC (0.75)
 2200-2345 - RESEARCH - SOFTWARE PARKING LOT 1.75
 Total 10.0

MON. 21 MARCH '05

1000-1015 - MAIL + DRIP 0.25
 1015-1030 - REVIEW/FILE/TO VEDULA NITRATE NOTICE 0.25
 1030-1100 - w/ SHARON - RE: ZONING INTERPRETATION Code 0.50
 1100-1200 - CLEAN UP BID DOCS - RELIEF SWR w/ PAUL MICHAEL - DIZING 1.00
 1330-1400 - @ COLORADO 0.50
 1400-1430 - w/ SIXKILLER - RE: ELEC CODE 0.50
 1430-1700 - UPDATE BID DOCS ~ 2nd BID - WTP BACKWASH 2.50
 Total 5.50

TUES. 22 MARCH '05

0930-1030 - w/ GREG GK & CLAY - RE: WYCOFF ELEC 1.00
 1030-1045 - w/ D. KEEN, RE: CONDUIT UNDER Hwy 11 (RE: DEFENDER) 0.25
 1045-1115 - w/ K. RONNEKAMP RE: TTHMS 0.75
 1115-1130 - w/ J. RUNDLE - RE: NO. 5 0.25
 1130-1200 MAIL 0.50
 1330-1400 w/ J. INMON - CODE ISSUES (ALL), ESP. FEE CHGS 0.50
 1400-1415 - CALL TO ANNA, RE: TTHMS, CHLORAMINES 0.25
 1415-1615 - RESEARCH PDC POSITION + MEMO TO SJN (2.00)



3/22/05 (CON'D)

1615-1700 - MEMO TO SJN - RE:
 RONNEKAMP HOLE 4/5 + OTHER 0.75
 104.75
 Total 6.25

3/23/05 (WED)

1000-1030 - CHK POOL LEAK -
 LEGION PARK POOL 0.50
 1030-1130 - W/ SJN & WAYNE
 JACKSON: CUPID PK'G LOT 0.50
 PAUL MICHAELS DRAINAGE 0.50
 1130-1200: MAIL + DRIP 0.50
 1300-1400 - W/ SJN, T. BONEWELL,
 TABLE: PAIA BLDG 1.00
 1400-1530 - W/ SJN -
 • WESTSIDE SERVICE/BIA 0.25
 • WELL CLOSURE/CONTRACT, ETC 0.50
 • THMS/DEQ/CDM 0.75
 1630-1800 - PREP BID DOCS
 FOR RELIEF SEWER ~ TO MAIL 1.50
 1915-2400 - REPORT - SANTA FE
 SEWER 4.75
 Total 10.75

3/24/05 (THURS)

1000-1200 - W/ JOHN SATTERFIELD 2.00
 1300-1415 - AT ASSOC CHARITIES BLDG 1.25
 1415-1545 - W/ JOE FLYNN 1.50
 1545-1615 - REVIEW JBE'S FAX
 RE: WELLS REMEDIATION 0.50
 1615-1830 - CHK OUT ASSOC CHARITIES
 BLDG (0.5 HR. W/ SJN ON PHO) 2.75
 2100-2230 - DITTO - CALCS OF ROOF 1.50
 2230-2330 - FAX TO FLYNN (RE: DAILY
 OKLAHOMAN) + REVIEW H₂O/CO/ZN, ETC
 IN BAKER TANKS W/ MEMO TO KUNIDLE 1.00
 2330-0115 REVIEW WELDEX DISPOSAL
 LEGAL - CHK AGAINST DISCLOSURE REQ'S 1.75
 141.25 11.75

3/25/05 FRIDAY

0945-1030 - W/ C. ABBOTT - RE:
 PHC/ WELLS/ PLANT EXT. 0.75
 1030-1115 - CONF CALL W/ PDC TEAM Philips Dodge 0.75
 1115-1130 - W/ SJN 0.2
 1330-1345 - CHK OUT AREA
 BEHIND HOBBS RES. 0.21
 1345-1400 - W/ SJN 0.2
 1400-1500 - REVIEW NOTES +
 MEMO OF WKLY CONF CALL W/ PDC 1.0
 1500-1800 - REPORT SANTA FE SWR 3.0
 153.5
 Total 6.21



GLENDIA - SURGERY 28 MARCH

TUES. 3/29/05

0915 - 1130 - BID. INVITATIONS
DOCS OUT TO CONTRACTORS - WTP BACKWASH 2.25
1130 - 1200 - w/ JIM RUNDLE,
RE: TTHMS 0.50
2045 - 2100 - REVIEW INFO
FROM J. FLYNN - RE: WELL
CLOSURE CONTRACT (0.25)
2100 - 2200 COST EST. - BAGBY
PK SEWER 1.00
2200 - 2230 - REVIEW BNSF
RESPONSES TO H.S. WHIZ'S COMMENTS (0.50)
TOTAL 4.50

WED. 3/30/05

0900 - 0930 - TEST SOIL - CUPID
PARKING LOT 0.50
0930 - 0945 - w/ SJN, DER - ELEVATOR 0.25
0945 - 1000 - w/ ROBT MULLINS,
RE: TTHMS 0.25
1000 - 1100 - w/ ROBT MEADE - RE:
WELL CLOSURE - CONTRACT AMOUNTS (1.00)
1100 - 1230 - CALCS - RE: DITTO (1.50)
1300 - 1400 - DITTO (1.00)
1400 - 1445 - OPEN BIDS -
21ST ST. 0.75
2100 - 2130 - CALCS/MEADE/WELLS (0.50)
2130 - 2215 - S.W. Cupid Park Lot 0.75

THURS. 3/31/05

1000 - 1030 - w/ SARON BROWN w/
P.C. NEWS, RE: HOBBS 0.50
1030 - 1100 - w/ RUNDLE - RE: FILTER
TURBIDITY ~ ANTHRACITE ~ INFO TO AM 0.50
1100 - 1115 - MAIL 0.2
1115 - 1130 - REVIEW - CONTRACT
FROM ADM - RE: TTHMS 0.25
1130 - 1230 - RESEARCH/PENICILLIN
(@ WECC OFFICE) (1.00)
1315 - 1400 - w/ GREG SIKK - CODE 0.75
1400 - 1445 - CHG ORD. RE: WELL
CLOSURE (0.75)
2100 - 2145 - w/ SJN 0.75
TOTAL 4.75

Foot Results?
Contaminated?

