

ORIGINAL

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

API NO. 15- 189-22364-00-00
County STEVENS
- E/2 - NE - NE Sec. 3 Twp. 33S Rge. 39 X W

Operator: License # 4549
Name: ANADARKO PETROLEUM CORPORATION
Address 701 S. TAYLOR, SUITE 400
City/State/Zip AMARILLO, TEXAS 79109

660 Feet from (N)X (circle one) Line of Section
330 Feet from (E)X (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)
Lease Name HJV CORNELL UNIVERSITY "A" Well # 1

Purchaser: ANADARKO ENERGY SERVICES
Operator Contact Person: CRAIG WALTERS
Phone (806) 457-4600

Field Name SOUTH CIMARRON RIVER
Producing Formation MORROW
Elevation: Ground 3224.7 KB
Total Depth 6200 PBDT 6122

Contractor: Name: NORSEMAN DRILLING
License: 3779

Amount of Surface Pipe Set and Cemented at 1701 Feet
Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set 3304 Feet

Wellsite Geologist: _____
Designate Type of Completion
X New Well Re-Entry Workover
 Oil SWD SIOW Temp. Add. JKS
X Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan Act 1 5/19/01 JB
(Data must be collected from the Reserve Pit)

If Workover:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
2-11-2001 2-20-2001 3-24-2001
Spud Date Date Reached TD Completion Date

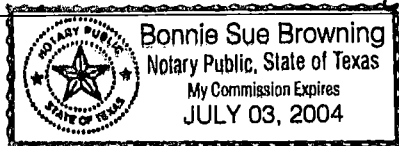
Chloride content 1500 ppm Fluid volume 700 bbls
Dewatering method used DRY, BACKFILL & RESTORE LOCATION
Location of fluid disposal if hauled offsite: _____

Operator Name KCC
Lease Name _____ License No. _____
 Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 L. Marc Harvey
Title ENGINEERING TECHNICIAN III Date 4-11-01
Subscribed and sworn to before me this 16 day of April
01.
Notary Public Bonnie Sue Browning
Date Commission Expires _____



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

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV CORNELL UNIVERSITY "A" Well # 1

Sec. 3 Twp. 33S Rge. 39 East County STEVENS
 West

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.)

List All E.Logs Run: CBL-CCL-GR, DIL, CNL-LDT, ML, SONIC

Name	Top	Datum
CHASE	2432	
COUNCIL GROVE	2763	
B/HEEBNER	3996	
MARMATON	4808	
MORROW	5556	
STE. GENEVIEVE	6162	

CASING RECORD							
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	12-1/4"	8-5/8"	24.0	1701	P+ MIDCON/ P+	385/100	3%CC, .1%FWCA, 1/8#/SK PF/2%CC, 1/8#/SK PF.
PRODUCTION	7-7/8"	5-1/2"	15.5	6121	50/50 POZ/ 50/50 POZ.	25/260	.75%H322, 10%SALT, 1/8#/SK PF/SAME.
			PORT COLLAR @	3304	P+ MIDCON/ 50/50 POZ.	25/160	2%CC, 1/8#/SK PF/ .75%H322, 10% SALT, 1/8#/SK PF.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
6	5937-44, 5838-44.		ACID: 1500 GAL 7% HCL.	5838-5944 (OA)
			FRAC: 38800 GAL GEL & 75000# 16/30 SD.	5838-5944 (OA)
6	5578-84.		NONE.	

TUBING RECORD	Size 2-7/8"	Set At 5578	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 3/12/2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 16 Bbls.	Gas 1700 Mcf	Water 63 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval 5578-5944 (OA)



ORIGINAL

JOB SUMMARY

ORDER NO. 70006

TICKET # 1141285 TICKET DATE 2-13-01

REGION North America, NWA/COUNTRY MidCont USA, BDA / STATE Ks, COUNTY Stevens, EMPLOYEE NAME Nick Korbe, COMPANY APC, CUSTOMER REP / PHONE Phil Mitchell, WELL LOCATION 9w. 12w. of Hugoton, DEPARTMENT Cement, JOB PURPOSE CODE 010

Table with 4 columns: HES EMP NAME/EMP#/(EXPOSURE HOURS) | HRS. Rows include N. Korbe 106328 9, J. Evans 212723 9, G. Humphries 106085 9.

Table with 8 columns: HES UNIT NUMBERS, R/T MILES. Rows include 421270 90, 54219/78299 90, 54225/75819 24.

Form Name, Type, Form Thickness, From, To, Packer Type, Set At, Bottom Hole Temp., Pressure, Misc. Data, Total Depth.

Table with 5 columns: DATE, CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Rows show times for 2-12-01 and 2-13-01.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY, MAKE. Includes Float Collar, Float Shoe, Guide Shoe, Centralizers, Bottom Plug, Top Plug, Head, Packer, Other.

WELL DATA table with columns: NEW/USED, WEIGHT, SIZE, FROM, TO, MAX ALLOW. Includes Casing, Liner, Tbg/D.P., Open Hole, Perforations.

MATERIALS table with columns: Treat Fluid, Density, Lb/Gal, Disp. Fluid, Density, Lb/Gal, Prop. Type, Size, Lb., Acid Type, Gal., %, Surfactant, Gal., In, NE Agent, Gal., In, Fluid Loss, Gal/Lb, In, Gelling Agent, Gal/Lb, In, Fric. Red, Gal/Lb, In, Breaker, Gal/Lb, In, Blocking Agent, Gal/Lb, Perfpac Balls, Qty.

HOURS ON LOCATION, OPERATING HOURS, DESCRIPTION OF JOB. Includes dates 2-12-01, 2-13-01, hours 3 hrs, 6 hrs, 9 hrs, and descriptions O/D, KCC, APR 11 2001, CONFIDENTIAL.

CEMENT DATA table with columns: STAGE, SACKS, CEMENT, BULK/SKS, ADDITIVES, YIELD, LBS/GAL. Rows include L 385 MidCont C, T 100 Proant C.

Form with fields: Circulating, Breakdown, Average, Shut In: Instant, Displacement, Maximum, Frac Gradient, 5 Min, 15 Min, Preflush, Load & Bkdn, Treatment, Cement Slurr, Total Volume, Gal - BBI, Type, Pad: BBI - Gal, Disp: BBI - Gal 105.

Frac Ring #1, #2, #3, #4, CUSTOMER'S REPRESENTATIVE SIGNATURE, THE INFORMATION STATED HEREIN IS CORRECT.



TICKET #	1141285	TICKET DATE	2-13-01
BDA / STATE	Ks	COUNTY	Stevens
PSL DEPARTMENT	21	CUSTOMER REP / PHONE	1611 Mitchell
API / UWI #		JOB PURPOSE CODE	010
WELL TYPE	02	SEC / TWP / RNG	R-132-21W

REGION	North America	NWA/COUNTRY	M. K. USA
EMBU ID / EMP #	MCL101W 10617	EMPLOYEE NAME	Nick K...
LOCATION	Liberal	COMPANY	APC
TICKET AMOUNT	11315577	WELL LOCATION	1611 Mitchell
LEASE / WELL #	11315577	DEPARTMENT	...

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
N. K...	9						
T. Evans	9						
...	9						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1500 2100							called out 0210c Hold Safety atg setup trks
	0315							rig d-1g st FF Break down
	0333		0			2000		Test lines
	0337	6	200/0			150		st lead cnt 385 sks @ 11.4"
	0411	6	24			75		st tail cnt 100 sks @ 14.8"
	0417							lead cnt
	0418							rel plug
	0419	6	0			50		st disp
	0437	2	85			300		slow rate
	0447	2	105			425 11000		Bump plug
	0448							rel plug Flat held

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JUL 10 2002

FROM CONFIDENTIAL

circ 70 bbl cnt top it

KCC

KANSAS CORPORATION COMMISSION

APR 11 2001

APR 18 2001

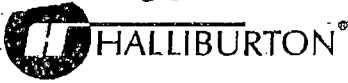
CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KS

Job complete
Thank you
Nick & crew

CONFIDENTIAL

ORIGINAL



JOB SUMMARY 70006

TICKET # 1158304	TICKET DATE 2-22-01
BDA / STATE KS	COUNTY Stevens
PSL DEPARTMENT Cement	CUSTOMER REP / PHONE Phil Mitchell 281-543-2334
API / UWI #	JOB PURPOSE CODE 035
DEPARTMENT Cement	HES FACILITY (CLOSEST TO WELL SITE) Hugoton KS

REGION North America	NWA / COUNTRY Mid Continent
MBU ID / EMP # MCL80101 106322	EMPLOYEE NAME O. McKane
LOCATION Liberal	COMPANY Anadarko Petroleum Corp.
TICKET AMOUNT 10129.93	WELL TYPE 01
WELL LOCATION Hugoton	DEPARTMENT Cement
LEASE / WELL # HJV Cornell University	SEC / TWP / RNG 3 33s 39w

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
O. McKane 106322	18						
M. Cochran 217398	18						
G. Humphries 108085	18						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420995	86						
54038-22541	86						
54225-6612	12						

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Form Name _____ Type: _____
 Form Thickness _____ From: _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp: _____ Pressure _____
 Misc Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
2-21-01	1800	2-21-01	2-22-01	2-22-01
TIME	1800	2200	1205	1430

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar Insert 5/16	1	H
Float Shoe		
Guide Shoes Reg 5/16	1	O
Centralizers 5/16	10	
Bottom Plug		W
Top Plug SW 5/16	1	
Head PIC 5/16	1	C
Packer		
Other Basket 5/16	1	O

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5/16	K9	6121	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In.
NE Agent	Gal.	In.
Fluid Loss	Gal/Lb	In.
Gelling Agent	Gal/Lb	In.
Fric. Red.	Gal/Lb	In.
Breaker	Gal/Lb	In.
Blocking Agent	Gal/Lb	In.
Perpac Balls	Qty	
Other		
Other		
Other		

HOURS ON LOCATION	OPERATING HOURS	DESCRIPTION OF JOB
DATE	HOURS	
		See Job Log
		Post Collar on Joint
TOTAL	TOTAL	

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason
341#0		Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	25	50/50 Poz	B	.75% Haled-322 10% Salt 1/8" Poly Flake 4* Cal Seal	6.18	10
	260	50/50 Poz	B	.75% Haled-322 10% Salt 1/8" Poly Flake 4* Cal Seal	1.41	14.1
	25	50/50 Poz	B	.75% Haled-322 10% Salt 1/8" Poly Flake 4* Cal Seal	1.41	14.1

Circulating _____	Displacement _____	Preflush: Gal-BBI 8-10-8	Type H2O - MS - H2O
Breakdown _____	Maximum _____	Load & Bkdn: Gal-BBI _____	Pad: BBI-Gal _____
Average _____	Frac Gradient _____	Treatment Gal-BBI _____	Disp: BBI-Gal 145
Shut In: Instant _____	5 Min _____	Cement Slurr Gal-BBI 50.275 T.C. 65 RM 6	Total Volume Gal-BBI _____

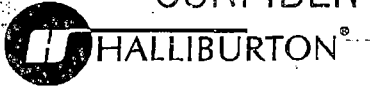
Frac Ring #1 _____	Frac Ring #2 _____	Frac Ring #3 _____	Frac Ring #4 _____
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THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE
Phil Mitchell

CONFIDENTIAL

ORIGINAL



JOB LOG

ORDER NO. 70006

TICKET #	TICKET DATE
1158304	2-22-01
BDA / STATE	COUNTY
PS	Stivers
PSL DEPARTMENT	
Cement	
CUSTOMER REP / PHONE	
Phil Mitchell 181-543-1334	
API / UWI #	
JOB PURPOSE CODE	
035 CEMENT PRODUCTION CAPAB	
HES FACILITY (CLOSEST TO WELL SITE)	
Higley 115	

REGION	North America	NWA / COUNTRY	USA
MBU ID / EMP #	105322	EMPLOYEE NAME	D. Mitchell
LOCATION	Liberal	COMPANY	Halliburton Production Corp.
TICKET AMOUNT	10129.93	WELL TYPE	01
WELL LOCATION	Liberal	DEPARTMENT	Cement
LEASE / WELL #	Hsu Cornell University A1	SEC7 TWP / RNG	3 33S 39W

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
D. Mitchell 105322	18						
M. Coulter 217398	18						
	18						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
	1800							Called for Job
	2200							on location. Hold Safety meeting set up pump truck rig lying down D.P.
	0250							RELEASED D.P. out of hole
	0300							Rig up Csg crew
	0330							Start Running 5 1/2 Csg & Start Equip
	0630							Wait on other part collar
	1125							Hook up PIC & Circulating Iron Csg on bottom
	1130							FROM CONFIDENTIAL Start Circulating
	1200							thru Circulating
	1203							Hook up to pump truck
								Job Procedure for 5 1/2 L.S.
	1205							0/4200 Pressure test lines
	1207	5	8					0/180 Start Fresh water ahead
	1208	5	10					200 Start Mud Flush
	1211	5	8					220 Start Fresh water behind
	1212	5	27.5					250 Start Scavenger Cement @ 10"
	1218	5.5	65					280 Start Cement @ 14 1/2"
	1227							thru mixing Cement
	1228							Shut down & Release plug
	1230							Wash up pumps & lines
	1233	5.5	145					0/50 Start Displacement
	1254							50/150 Displacement, Caught Cement
	1300	2.5						710/625 Slow down rate
	1305							720/200 Plug landed
	1306							3000/0 Release Start
	1430	2	6					0 Plug Rate Mouse holes

Thank You For Calling Halliburton
 Danny & Micky & Gassy

KCC

APR 11 2001

CONFIDENTIAL

HALLIBURTON **CONFIDENTIAL** **JOB SUMMARY** 70006

REGION North America NWAY COUNTRY USA

MBU ID / EMP # MLL20103 106704 EMPLOYEE NAME TIDOUVIS

LOCATION Liberal KS COMPANY Amvco

TICKET AMOUNT _____ WELL TYPE _____ PSL DEPARTMENT 22

WELL LOCATION 99nd W Houston DEPARTMENT 22 JOB PURPOSE CODE CMF Port Collier

LEASE / WELL # HJV (SMP) W. W. W. S. T. A-1 SEC / TW/P / RNG 3-33-39 HES FACILITY (CLOSEST TO WELL SITE) Liberal KS

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
<u>TIDOUVIS 106704</u>	<u>2 1/2</u>						
<u>ALVIN, HOF 126452</u>	<u>1</u>						
<u>ELWIS 217663</u>							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<u>1061937</u>				<u>1061937</u>			
<u>52382-77031</u>							

RELEASED

JUL 16 2002

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Form Name _____ Type: _____

Form Thickness _____ From: _____ To _____

Packer Type _____ Set At _____

Bottom Hole Temp: _____ Pressure _____

Misc Data _____ Total Depth _____

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<u>2-26-01</u>	<u>1400</u>		<u>2-26-01</u>	<u>1630</u>	<u>1730</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoes		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<u>U</u>	<u>15.5</u>	<u>5 1/2</u>	<u>GL</u>		
Liner						
Liner						
Tbg/D.P.						
(Tbg/D.P.	<u>U</u>	<u>6.5</u>	<u>2 1/8</u>	<u>KB</u>	<u>3304</u>	<u>SHOTS/FT.</u>
Open Hole						
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In KCC
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	In
Perfpac Balls	Qty	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				<u>CMF</u>
				<u>Port</u>
				<u>Collier</u>
TOTAL		TOTAL		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<u>1</u>	<u>25</u>	<u>PF MC</u>	<u>B</u>	<u>270cc 1/8" Poly F14K</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>160</u>	<u>100% 50/50</u>	<u>B</u>	<u>257g 10/19g 322, 10% Solif, 10% Poly F14K 270cc</u>	<u>1.26</u>	<u>14.4</u>

Circulating _____ Displacement _____ Preflush: Gal-B 30 Type M20 i.m.f.

Breakdown _____ Maximum _____ Load & Bkdn: Gal-BBI _____ Pad: BBI-Gal _____

Average _____ Frac Gradient _____ Treatment Gal-BBI _____ Disp. Gal 18.5

Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal-B 74.36 bbl +/-

Total Volume Gal-BBI _____

Frac. Ring #1 _____ Frac. Ring #2 _____ Frac. Ring #3 _____ Frac. Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE Phil Mitchell 2-26-2001



HALLIBURTON **CONFIDENTIAL**

JOB LOG

ORDER NO. 70008

REGION North America	NWA / COUNTRY USA	TICKET # 463027	TICKET DATE 7-26-01
MBU ID / EMP # 106204	EMPLOYEE NAME T. NOVAK	BDA / STATE AZ	COUNTY PINAL
LOCATION L. 2000 W	COMPANY Halliburton	PSL DEPARTMENT 22	CUSTOMER REP / PHONE 1701 141414
TICKET AMOUNT	WELL TYPE 01	API / UWI #	
WELL LOCATION L. 2000 W	DEPARTMENT 22	JOB PURPOSE CODE EMP 10/10/01	
LEASE / WELL # 110 (S. 21702)	SEC / TWP / RNG 3-33-34	HES FACILITY (CLOSEST TO WELL SITE) L. 2000 W	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
T. NOVAK 106204	2 1/2						
ELIAS 21702	1						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
	1400							called out
	1530							on loc. high up P-T.
	1620							RELEASED
	1630	40	10	✓		300		Pump H ₂ O JUL 10 2002
	1632	4.0	10	✓		350		Pump 1746 fresh FROM CONFIDENTIAL
	1635	4.0	10	✓		350		Pump H ₂ O spooler
	1641	4.0	14	✓		350		Pump 2500 PPMC off 111 th
	1646	4.0	36	✓		130		Pump 1600 50/50 P12 H off 149 th
	1655	4.0	18.5	✓		0		Pump 0.0
	1703	0	18.5	✓		0		Shut down water port collar
	1704			✓		1500		PSI test - FIELD.
	1714	3.5	30	✓		200		Reverse out TBNH.
	1725	0		✓		0		Shut down
	1730							Job over
								Thanks for calling HES.
								Yue Allen & crew

KCC
APR 11 2001
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KCC
APR 11 2001
CONFIDENTIAL

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KANSAS CORPORATION COMMISSION
APR 16 2001
CONFIDENTIAL