

FORM MUST BE TYPED

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ORIGINAL

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

KANSAS CORPORATION COMMISSION

API NO. 15- 189-22410-22-22

County STEPHENS

- S/2 - N/2 - SW Sec. 34 Twp. 34S Rge. 38 X W

1650 Feet from X(S)(circle one) Line of Section

1320 Feet from X(W)(circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW)(circle one)

Lease Name MORRIS "J" Well Release

Field Name MOUSER APR 09 2003

Producing Formation MORROW From

Elevation: Ground 3206 KB Confidential

Total Depth 6750 PBD 6687

Amount of Surface Pipe Set and Cemented at 1714 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 5571 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan Add 1 EA 5.2.02
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address 701 S. TAYLOR, SUITE 400

City/State/Zip AMARILLO, TEXAS 79109

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: JOHN VIGIL

Phone (.806) 457-4600

Contractor: Name: MUREIN DRILLING

License: 30606

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

X Gas ENHR SIG

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

01-09-2002 01-19-2002 02-13-2002

Spud Date Date Reached TD Completion Date

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

L. MARC HARVEY

Title ENGINEERING TECHNICIAN III Date 3-12-02

Subscribed and sworn to before me this 12 day of March

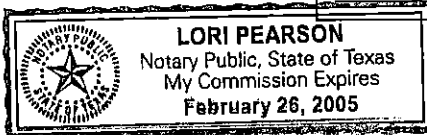
20 02

Notary Public Lou Pearson

Date Commission Expires 2/26/05

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)



Form ACO-1 (7-91)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MORRIS "J" Well # 1

Sec. 34 Twp. 34S Rge. 38 East County STEPHENS
 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, DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B/STONE CORRAL	1725	
CHASE	2615	
COUNCIL GROVE	2946	
HEEBNER	4240	
LANSING	4384	
MARMATON	5138	
CHEROKEE	5436	
MORROW	5935	
CHESTER	6418	
STE. GENEVIEVE	6664	

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	12-1/4"	8-5/8"	24.0	1714	P+ MIDCON/ P+	400/100	3%CC, .1%FWCA, 1/4#/SK PF/2%CC, 1/8#/SK PF.
PRODUCTION	7-7/8"	5-1/2"	15.5	6743	50/50 POZ/ 50/50/POZ.	25/210	.75%HALAD322, 10%SALT 1/8#/SK PF/SAME.
			DV TOOL @	5571	50/50 POZ/ 50/50 POZ.	25/100	SAA/ SAA.

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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	4	6380-92.		ACID: 1200 GAL 7-1/2% HCL.
4	6392-6400.		NONE	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	6348		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 03-01-2002 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		910			

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 6380-6400



JOB SUMMARY

SALES ORDER NUMBER 1703065	TICKET DATE 01/19/02
BDA / STATE KS	COUNTY STEVENS
PSL DEPARTMENT Cementing Services	
CUSTOMER REP / PHONE FRED CRESS	
AP/AMT #	
SAP BOMB NUMBER 7521	Description Cement Surface Casing
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	

REGION NORTH AMERICA LAND	NWAA / COUNTRY Mid Continent
NBU ID / EMP # MC10103 106304	HES EMPLOYEE NAME TYCE DAVIS
LOCATION Liberal	COMPANY ANADARKO
TICKET AMOUNT \$10,441.03	WELL NAME 01
WELL LOCATION LAND SW HUGOTON	DEPARTMENT CEMENT
LEASE NAME MORRIS	Well No J-1
	SEC / TWP / RNG 34-34S-38W

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS
Davis, T - 106304	75	Archuleta, M - 226383	75
Fredrick Shaun 106114	75		
King Kirby 105942	75		
Spangler, M - 212576	75		
HES UNIT # / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES
10219237	60		
54029-75819	12		
80243658-75821	12		

Form Name	Type	Form Thickness	From	To	Date	Called Out	On Location	Job Started	Job Completed
Packer Type		Packer Type			1/10/02	1/10/02	1/11/02	1/11/02	
Bottom Hole Temp		Pressure			Time	1700	1830	0000	0130
Retainer Depth		Total Depth							

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe FILL TUBE	1	HOWCO
Centralizers S-4	4	HOWCO
Top Plug 5W	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp		
Weld-A	1	HOWCO
Guide Shoe REG	1	HOWCO
BTM PLUG		

	New/Used	Weight	Size	Grade	From	To	Max Allow
Casing	NEW	24.0	8 5/8		0	1,758	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials		
Mud Type	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	
Perpac Balls	Qty	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/10		1/11		See Job Log

Cement Data							
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	400	P+MC	Bulk	3%CC .1%FWCA 1/4#POLY FLAKE	17.89	2.92	11.40
1	100	PREM +	Bulk	2%CC 1/8#POLY FLAKE	6.30	1.34	14.8
			Bulk				
			Bulk				


Summary					
Circulating Breakdown	Displacement	Preflush	BBI	Type	
	MAXIMUM	Load & Bkdn	Gal - BBI	Pad: BBI - Gal	
Average Shut in Instant	Frac Gradient	Treatment	Gal - BBI	Disp Bbl	109
	5 Min	Cement Slurry	BBI		
	15 Min	Total Volume	BBI	#VALUE!	

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE Fred J. Cress
 SIGNATURE

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 HALLIBURTON		JOB LOG		MAR 1 2002	TICKET # 1703065	TICKET DATE 01/10/02
REGION NORTH AMERICA LAND		NWA / COUNTRY Mid Continent		STATE KS		COUNTY STEVENS
MBU ID / EMPL # MCL103 106304		H E S EMPLOYEE NAME TYCE DAVIS		PSL DEPARTMENT Cementing Services		
LOCATION Liberal		COMPANY ANADARKO Release		CUSTOMER REP / PHONE FRED CRESS		
TICKET AMOUNT \$10,441.03		WELL TYPE 01 ADD 0 2002		APUUM #		
WELL LOCATION LAND SW HUGOTON		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Surface Casing		
LEASE NAME MORRIS		Well No J-1	SEC / TWP / RNG 34-34S-38W		HES FACILITY (CLOSEST TO WELL #) LIBERAL	

HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS
Davis, T - 106304		Archuleta, M - 226383					
Fredrick Shaun 106114							
King Kirby 105942							
Spangler, M - 211476							

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG	Tbg		
	1700							CALLED OUT FOR JOB
	1830							ON LOCATION, RIG MAKING WIPER TRIP
	1930							DRILL PIPE ON BOTTOM, CIRC 30 MIN
	2020							START S.B.D.P.
	2030							OUT OF HOLE W/ DP RIG UP CASERS
	2100							START CASING AND FE
	2315							CASING ON BOTT HOOK UP PC & CIRC IRON
	2345							THRU CIRC HOOK IRON TO PIT
	2400							PSI TEST IRON
	0005	6.0	208.0		300			PUMP 400 SKS PREM+ MC @ 11.4#
	0040	6.0	24.0		300			PUMP 100 SKS PREM+ @ 14.8#
	0045							SHUT DOWN DROP PLUG
	0046	6.0	106.0		100			PUMP DISP
	0053	6.0	106.0		200			35 BBL IN CEMENT TO PIT
	0105	2.0	106.0		400			95 BBL IN SLOW RATE
	0108	2.0	106.0		400-800			LAND PLUG
	0109				800-0			RELEASE FLOAT-----HELD
	0110							JOB OVER

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MAR 19 2002

CONSERVATION DIVISION
WICHITA, KS



JOB SUMMARY

SALES ORDER NUMBER 1716347	TICKET DATE 01/21/02
REGION North America Land	COUNTRY Mid Continent
BOA / STATE Kansas	COUNTY Stevens
PSL DEPARTMENT Cementing Services	CUSTOMER REF / PHONE Kenny Parks (806) 679-0164
APL/AM# 15-189-XXXXXXX	SAP BOMB NUMBER 7523
DESCRIPTION Cement Production Casing	HES FACILITY (CLOSEST TO WELL SITE) Hugoton Kansas

REGION North America Land	COUNTRY Mid Continent
BOA / STATE Kansas	COUNTY Stevens
PSL DEPARTMENT Cementing Services	CUSTOMER REF / PHONE Kenny Parks (806) 679-0164
APL/AM# 15-189-XXXXXXX	SAP BOMB NUMBER 7523
DESCRIPTION Cement Production Casing	HES FACILITY (CLOSEST TO WELL SITE) Hugoton Kansas

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D - 106322	17.0			
Tate, N - 105953	17.0			
Harper, K - 241985	15.0			

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KANSAS CORPORATION COMMISSION

APR 08 2003

HES LINT #S / (R/T MILES)	R/T MILES	HES LINT #S / (R/T MILES)	R/T MILES
420996	60		
10251401	60		
53777 6612	12		

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WICHITA, KS

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

Date	Called Out	On Location	Job Started	Job Completed
	01/20/2002	01/20/2002	01/21/2002	01/21/2002

Type and Size	Qty	Make
D.V. Tool 5 1/2	1	H
Float Shoe SSII 5 1/2	1	
Centralizers 5 1/2	13	O
L.D Plug Set 5 1/2	1	
HEAD 5 1/2	1	W
Limit clamp		
Weld-A	1	C
Port Collar 5 1/2	1	Baker
Basket 5 1/2	2	O

Well Data	New/Used	Weight	Size	Grade	From	To	Max Allow
Casing	New	15.5	5 1/2		KB	6,742	
D.V. Tool						5,573	
Port Collar						3,053	
Tubing							
Drill Pipe							
Open Hole							
Perforations							
Perforations							
Perforations							

Materials

Mud Type	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
Fnc Red	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty	
Other		
Other		
Other		
Other		

Hours On Location	Operating Hours	Description of Job
Date: 1/20 Hours:	Date: 1/21 Hours:	
		See Job Log
Total	Total	

Ordered	L Hydraulic Horsepower	Used
	Avail	
Treating	Average Rates in BPM	Overall
	Disp	
Feet 44.38	Cement Left in Pipe	SHOE JOINT
	Reason	

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rg	Yield	Lbs/Gal
1	25	50/50 Poz H	Bulk	10% Salt .75% Halad-322 1/8# Polyflake	30.00	4.60	10.00
1	210	50/50 Poz H	Bulk	10% Salt .75% Halad-322 1/8# Polyflake	5.66	1.28	14.4
2	25	50/50 Poz H	Bulk	10% Salt .75% Halad-322 1/8# Polyflake	30.00	4.60	10.0
2	100	50/50 Poz H	Bulk	10% Salt .75% Halad-322 1/8# Polyflake	5.66	1.28	14.4
R&M	25	50/50 Poz H	Bulk	10% Salt .75% Halad-322 1/8# Polyflake	5.66	1.28	14.4

Summary

Circulating Breakdown	Displacement	MAXIMUM	Preflush: BBI	5-5	Type: fresh water
			Load & Bkdn. Gal - BBI		Pad:Bbl - Gal
					159.5
Average Shut In. Instant	Frac. Gradient	5 Min	15 Min	Treatment: Gal - BBI	Disp:Bbl
				Cement Slurry BBI	R&M 5.5 20.5, 47.5, 20.5, 22.5
				Total Volume BBI	#VALUE!

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE

LEAD 1 2 2002

HALLIBURTON		JOB LOG			TICKET # 1716347	TICKET DATE 01/21/02
REGION North America Land		NWA / COUNTRY Mid Continent		STATE Kansas		COUNTY Stevens
MBU ID / EMPL # MCL10101 106322		H E S EMPLOYEE NAME Danny McLane		PSL DEPARTMENT Cementing Services		
LOCATION Liberal		COMPANY Anadarko Petroleum Corporation		CUSTOMER REP / PHONE Kenny Parks (806) 679-0164		
TICKET AMOUNT \$13,863.24		WELL TYPE Oil		APUUM # 5-189-xxxxxxxxxx		
WELL LOCATION S/ Hugoton Kansas		DEPARTMENT Cement		JOB PURPOSE CODE Cement Production Casing		
LEASE NAME Morris		Well No. J-1	SEC / TWP / RANG 34 34S 30W		RES FACILITY (CLOSEST TO WELL #) Hugoton Kansas	

HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)
	McLane, D - 106322	17					
	Tate, N - 105953	17					
	Harper, K - 241985	15					

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Job Description / Remarks
				N2	CSG	Tbg	
	1900						Called for job
	2130						On location rig laying down D.P. hold safety meeting
	2145						D.P. out of hole
	2150						start rigging down kelly and mouse hole
	2220						Rig up casing crew
	2305						Start running 5 1/2 casing and float equip.
	0358						Casing on bottom and hook up plug container
	0400						Rig kick in mud pump
	0415						Start to circulate hole with rig pump
	0425						Rig down casing crew
	0553						Though circulating with rig pump
	0555						Give to Halliburton
							Job procedure for 1st stage
	0557				0/3500		Pressure test lines
	0604	2.5	5.0		0/200		Start fresh water ahead
	0607	5.5	20.5		150		Start scavenger cement @ 10#
	0611	6.5	47.5		210		Start cement @ 14.4#
	0622						Though mixing cement
	0624						Shut down and release latch down plug
	0626						Wash up pumps and lines
	0632	7.0	30.0		0/200		Start Fresh water displacement
	0639	6.5	129.9		150		Start mud displacement
	0655				170/255		Displacement caught cement
	0658	3.0			600/290		Slow down rate
	0701				470/3000		Plug landed
	0702				3000		Pressure test casing
	0704						Release pressure and float holding
	0709						Drop D.V. opening tool
	0735				0/800		Pressure up D.V. tool to opened
	0736				600/200		D.V. tool opened
	0740						Give back to rig to circulate four hours
							Give back to Halliburton

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CONSERVATION DIVISION
WICHITA, KS
MAR 19 2002


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 HALLIBURTON		JOB LOG		TICKET #	TICKET DATE
REGION North America Land		NWA / COUNTRY Mid Continent		1716347	01/21/02
MBU ID / EMPL # MCL10101 106322		H E S EMPLOYEE NAME Danny McLane		DOA / STATE Kansas	COUNTY Stevens
LOCATION Liberal		COMPANY Anadarko Petroleum Corporation		PSL DEPARTMENT Cementing Services	
TICKET AMOUNT \$13,863 24		WELL TYPE Oil		CUSTOMER REP / PHONE Kenny Parks (806) 679-0164	
WELL LOCATION S/ Hugoton Kansas		DEPARTMENT Cement		APDUAR # 5-189-xxxxxxx	
LEASE NAME Morris		Well No J-1	SEC / TWP / RANG 34 34S 38W	JOB PURPOSE CODE Cement Production Casing	
HES FACILITY (CLOSEST TO WELL #) Hugoton Kansas					

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
McLane, D - 106322	17						
Tate, N - 105953	17						
Harper, K - 241985	15						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Press.(PSI)			Job Description / Remarks
				N2	CSG.	Tbg	
	1139	2.0	5.5			0	Job procedure for 2nd stage Plug rat and mouse holes
	1154				0/3500		Pressure test lines
	1156	5.0	5		0/25		Start fresh water ahead
	1157	5.0	20.5		25/100		Start scavenger cement @ 10#
	1200	5.5	22.5		100/200		Start cement @ 14.4#
	1205						Though mixing cement
	1206						Shut down and release D.V. closing plug
	1208						Wash up pumps and lines
	1212	7.0	132.5		0/105		Start fresh water displacement
	1229				105/210		Displacement caught cement
	1231	3.0			250/150		Slow down rate
	1245				480/1500		Plug landed
	1245				1500		Pressure up to close D.V. tool
	1247						Release pressure float holding
	1250						Release Halliburton

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CONSERVATION DIVISION
WICHITA, KS

Thank you for calling Halliburton
Danny and Crew

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From
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