

FORM MUST BE TYPED

CONFIDENTIAL

SIDE ONE

ORIGINAL

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

RELEASED
SEP 28 1999

API NO. 15- 175-21616-0000
County SEWARD
NE - SW - NE - NW Sec. 25 Twp. 33 Rge. 32 X E/W

Operator: License # 4549

945 Feet from (NW) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1900 Feet from X (NW) (circle one) Line of Section

Address P. O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name KELLER "D" Well # 1

Purchaser: ANADARKO ENERGY SERVICES

Field Name ARKALON

Operator Contact Person: DAVID W. KAPPLE

Producing Formation MORROW

Phone (316) 624-6253

Elevation: Ground 2557.5 KB _____

Contractor: Name: CHEYENNE DRILLING

Total Depth 6200 PBDT 5700

License: 5382

Amount of Surface Pipe Set and Cemented at 1556 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? _____ Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

X New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

X Gas _____ ENHR _____ SIGW

Drilling Fluid Management Plan Art 1 DW 9-22-97
(Data must be collected from the Reserve Pit)

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

If Workover:

Chloride content 1400 ppm Fluid volume 700 bbls

Operator: _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Well Name: _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

Operator Name KCC

_____ Plug Back _____ PBDT

Lease Name AUG 1 2 License No. _____

_____ Commingled _____ Docket No. _____

Quarter SE Twp. 33 S Rng. _____ E/W

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

4-15-97 4-25-97 6-17-97

Spud Date Date Reached TD Completion Date

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 DRILLING TECHNICAL ASSISTANT Date 8-12-97

Subscribed and sworn to before me this 12th day of August 19 97.

Notary Public Freda L. Hinz

Date Commission Expires _____

FREDA L. HINZ
Notary Public - State of Kansas
My Appt. Expires 5-15-97

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)

ORIGINAL

SIDE TWO

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Operator Name ANADARKO PETROLEUM CORPORATION Lease Name KELLER "D" Well # 1

Sec. 25 Twp. 33 Rge. 32 [] East [x] West County SEWARD

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 [x] No (Attach Additional Sheets.) [x] Log Formation (Top), Depth and Datums [] Sample
Name Top Datum
CHASE 2410
COUNCIL GROVE 2835
HEEBNER 4118
LANSING 4294
MARMATON 4956
CHEROKEE 5152
MORROW SHALE 5492
L. MORROW 5610
CHESTER 5653
STE. GENEVIEVE 5962
ST. LOUIS 6072

CASING RECORD
[x] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with 8 columns: 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

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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
Table with 4 columns: Shots Per Foot, Footage, Material, Depth

TUBING RECORD
Date of First, Resumed Production, SWD or Inj. 7-13-97
Producing Method [x] Flowing [] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours: Oil 5 Bbls., Gas 3782 Mcf, Water 0 Bbls., Gas-Oil Ratio, Gravity

Disposition of Gas: [] Vented [x] Sold [] Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [x] Perf. [] Dually Comp. [] Commingled [] Other (Specify)
Production Interval: 5622-5646

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SEP 28 1999

FROM CONFIDENTIAL

15-175-21616

DRILLERS LOG

ANADARKO PETROLEUM CORPORATION
KELLER D-1
SECTION 25-T33S-R32W
SEWARD COUNTY, KANSAS

COMMENCED: 04-05-97
COMPLETED: 04-16-97

SURFACE CASING: 1556' OF 8 5/8" CMTD
W/360 SKS PREMIUM PLUS + 3% CC
+ 1/4 #/SK FLOCELE. 1" W/100 SKS PREMIUM
PLUS. TAILED IN W/100 SKS PREMIUM PLUS +
2% CC + 1/4 #/SK FLOCELE.

FORMATION

DEPTH

SURFACE HOLE
RED BED, LIMESTONE & SHALE
LIMESTONE & SHALE

KCC
AUG 12
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0 - 1556
1556 - 2420
2420 - 6200 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

Wray Valentin

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29TH DAY OF APRIL, 1997.


JOLENE K. RUSSELL
State of Kansas
My Appt. Exp. 9-13-99

JOLENE K. RUSSELL
Jolene K. Russell
NOTARY PUBLIC

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1997 AUG 14 P 11:34



JOB LOG 4239-5

TICKET # 212812	TICKET DATE 4/16 AT
BDA / STATE KS	COUNTY SEWARD
PSL DEPARTMENT 5001	CUSTOMER REP / PHONE
API / UWI #	JOB PURPOSE CODE 010

REGION North America	NWA/COUNTRY Midcon
MBU ID / EMP # E10102	EMPLOYEE NAME Mike Ridgway
LOCATION Erio / Libero /	COMPANY
TICKET AMOUNT	WELL TYPE 01
WELL LOCATION	DEPARTMENT
LEASE / WELL # Keller # D-1	SEC / TWP / RNG 25 33S 32W

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ORIGINAL

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
M Ridgway G9484							
J Pendergast E2132							
C Bellamy H9664							
T ...							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	3:30							ON Loc Safety Meeting
	8:22	5	10		X	150		start H ² O
	8:25	55	20645		X	150		start lead cut
	9:01	35	23.50		X	120		start tail cut
	9:05	-	-		-	-		Drop Plug
	9:07	5	96		X	50		start DSP
	9:33					500		plug down
								Tap out side
	12:46	2	21		X	214		
	1:05							5/11 down

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Thank you for using Halliburton!

Mike Ridgway
James Pendergast
+ crew



JOB LOG 4239-5

TICKET # 4239-5
TICKET DATE 8-23-99

REGION North America	NWA/COUNTRY Mexico	BDA / STATE Kans	COUNTY Seminole
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	
LOCATION	COMPANY	CUSTOMER REP / PHONE O.S. Stuck	
TICKET AMOUNT \$ 16265.17	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	ORIGINAL
LEASE / WELL #	SEC / TWP / RNG		

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

CONFIDENTIAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1700							Called out
	1730							On location
	1935							Rig up wait on rig to tripout of Hole
	2400							Start casing, run float equip.
	0545							Mix Super Flush
	0553							Rig up to run Rat & Mouse Hole
	0607	1	8.9Bbl			25		Run Rat & Mouse Hole
	0625							Shut down, swap lines.
	0628	6	8Bbl			500		Pump Rig water ahead of flush
	0630	6	10Bbl			500		Pump Super Flush
	0632	6	8Bbl			500		Pump Water behind Flush
	0633	5	51.7Bbl			150		Start Lead cmt
	0641	5	51.5Bbl			150		Start Tail cmt
	0652							Shut down, wash pumps & lines
	0702	6.5	143Bbl			150		Start displ.
	0800					1500		Landed plug 500' over
	0801							Release PSI Rig down

KCC

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