

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

ORIGINAL

Operator: License # 30742

Name: Palomino Petroleum, Inc.

Address 4924 SE 84th Street

City/State/Zip Newton, Kansas 67114-8827

Purchaser: Koch Oil Company

Operator Contact Person: Klee R. Watchous

Phone (316) 283-0232

Contractor: Name: Pickrell Drilling Co., Inc.

License: 5123

Wellsite Geologist: Rob Patton/Ann Watchous

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

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. _____

3-28-94 4-7-94 4-20-94
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23808-0000

County Ness

C S/2 - N/2 SE Sec. 25 Twp. 16 Rge. 26 X W

1650 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

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

Lease Name Babcock Well # 1

Field Name Arnold SW

Producing Formation Miss

Elevation: Ground 2607 KB 2612

Total Depth 4510 PBD _____

Amount of Surface Pipe Set and Cemented at 262 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1973 Feet

If Alternate II completion, cement circulated from 1973

feet depth to surface w/ 348 sx cnt.

Drilling Fluid Management Plan ALT 2 JH 9-19-94
(Date must be collected from the Reserve Pit)

Chloride content 21,000 ppm Fluid volume 700 bbls

Dewatering method used Let evaporate

Location of fluid disposal if hauled offsite: _____

Operator Name _____

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, 200 Colorado Derby Building, 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 shall 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 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 Klee R. Watchous

Title President Date May 24, 1994

Subscribed and sworn to before me this 24th day of May, 19 94.

Notary Public Kathryn L. Frerking

Date Commission Expires August 21, 1997

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)

KATHRYN L. FRERKING
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 8-21-97

PI

Operator Name Palomino Petroleum, Inc. Lease Name Babcock Well # 1

Sec. 25 Twp. 16 Rge. 26
 East
 West

County Ness

JANUARY

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: RADIATION GUARD

PALOMINO PETROLEUM
 NEWTON KS 67114-8827

#1 BABCOCK

25-16S-26W
 C S/2 N/2 SE

site: 3/4 S & 1-1/4 E OF UTICA KS
 cor: PICKRELL DRILLING # 10
 by: BOB PATTON / ANN WATCHOUS

city: NESS
 les: ARNOLD SW
 API 15-135-23808

date: 03/07/94
 date: 03/28/94
 comp: 04/07/94
 issued: 05/02/94
 test: 05/02/94

ELV: 2612 KB, 2607 GL LOG	IP status:
topo.....	OIL, P 52 BOPD, NW, MISS 4506-4518, 04/20/94
ANH.....1970 + 642	CS3: 6-5/8" 262 / 140 SX (ALT 2), 6-1/2" 4506 / 250 SX
HEEB.....3863 - 1251	NO CORES
LANS.....3903 - 1291	DST (1) 3890-3912 (LKC), / 30-30-60-30, REC 245 MW,
FT SC.....4404 - 1792	N50 ISIP 1094# FSIP 956# IFP 11# -35# FFP 105#
MISS DOL.....4505 - 1893	-117#
RTD.....4510 - 1898	DST (2) 4390-4437 (FT SC), / 30-30-30-30, REC 2040
DDTD.....4518 - 1906	CLEAN GSY OIL ISIP 1289# FSIP 1278# IFP 141#
	-306# FFP 389# -553#
	TRGT ZN: MISS, PTD 4520 (MISS), MICT - CO, (MISS
	OH), DD 4514 TD, AC 250 GAL (16% MA), SWB DWN, DD
	4518 TD, SWB DWN, DD 4518 TD, ONFU 1100' FL, AC 760
	GAL, SWB DWN, GSO, SWB 3.48 BOV/1ST 30", 3.48
	BOV/2ND 30", SION, ONFU 1600' OIL, SWB 3.48 BOV/1ST
	30", 3.48 BOV/2ND 30", 5.80 BOV/1ST HR, 5.22 BOV/2ND HR,
	SET 2-3/8" TBG (DEPTH NA), NO PKR, POP, P 62 BOPD,
	NW, 4/20/94

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 INDEPENDENT OIL & GAS SERVICE, INC.
 WICHITA, KANSAS

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 (new)	12 1/4	8 5/8	20	262	60/40 Poz	140	2% gel, 3% cc
Production (used)	7 7/8	5 1/2	15.5	4506	60/40 Poz	250	10% salt, 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<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	Depth
		250 gal 15% mud acid	4514
		750 gal double Fe acid	4518

TUBING RECORD

Size 2 3/8 Set At 4506 Packer At none Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4-20-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours

Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	52			0			37°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 4506-4518

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6116 ORIGINAL

New

Date	Sec.	Range	Called Out	On Location	Job Start	Finish
4/9/94	25	16S	06:00	07:30	9:15	10:15
Lease	Well No.	Location	County	State		
Babcock	1	17E 7.5	Ness	Ks.		

Contractor	Express Well Svc.
Type Job	Part Celler
Hole Size	7 7/8" I.D. 4510
Csg. Size	5 1/2" 15.5# Depth 4506
Tbg. Size	2 3/8" 1973 Depth 1973
Drill Pipe	1973 Depth 1973
Tool	Baker Part Celler
Cement Left in Csg.	Shoe Joint
Press Max.	1000
Meas Line	7.661
Perf.	

Owner	Sage
To	Allied Cementing Co., Inc.
Charge To	Palmer Petroleum Inc.
Street	4924 SE 84th Street
City	Newton, State Ks. 67114
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Steve Robben
Used	3485x CEMENT
Amount Ordered	475 50% 6% Gel 1/4" F Seal

EQUIPMENT

Pumptrk	No. 224	Cementer	Gary
		Helper	Mike
Pumptrk		Cementer	
		Helper	
Bulktrk	199	Driver	Bill
Bulktrk		Driver	

Consisting of	Common	174	5.75	1000.50
	Poz. Mix	174	3.00	522.00
	Gel.	18	9.00	162.00
	Chloride			
	Quickset			
	Flo Seal - 87		1.10	95.70
	Handling	475	1.00	475.00
	Mileage	26		494.00

DEPTH of Job		
Reference:	Pump Truck	525.00
	26 Mileage	58.50
	Sub Total	
	Tax	
	Total	583.50

Sub Total	
STATE CORPORATION COMMISSION	
MAY 25 1994	
Total	2449.20
Floating Equipment	
CONSERVATION DIVISION	
Wichita, Kansas	
Total	\$ 3332.70
Disc	666.54
	\$ 2666.16

Remarks: Cement circulated.

Witnessed by: Gary L. Hemen

Thank you! Gary L. Hemen

CUSTOMER COPY

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046



HALLIBURTON

ORIGINAL

INVOICE

INVOICE NO.	DATE
663219	04/07/1994

WELL LEASE NO./PROJECT ABCOCK 1	WELL/PROJECT LOCATION NESS	STATE KS	OWNER SAME
SERVICE LOCATION NESS CITY	CONTRACTOR PICKRELL DRILLING	JOB PURPOSE CEMENT PRODUCTION CASING	TICKET DATE 04/07/1994
ACCT. NO. 53300	CUSTOMER AGENT STEVE ROBBEN	VENDOR NO.	CUSTOMER P.O. NUMBER
		SHIPPED VIA COMPANY TRUCK	FILE NO. 67231

PALOMINO PETROLEUM, INC.
4924 S.E. 84TH STREET
NEWTON, KS 67114

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	50 MI		2.75	137.50
		1	UNT		
001-016	CEMENTING CASING	4506 FT		1,635.00	1,635.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5 1/2 IN		65.00	65.00
		1	EA		
73	BAKER PORT COLLAR 5 1/2"	1	EA	1,270.00	1,270.00
613-0151		1	EA		
12A	GUIDE SHOE - 5 1/2" 6RD THD.	1	EA	121.00	121.00
825-205		1	EA		
24A	INSERT FLOAT VALVE - 5 1/2" 6RD	1	EA	110.00	110.00
815-19251		1	EA		
27	FILL-UP UNIT 5 1/2" - 6 5/8"	1	EA	55.00	55.00
815-19311		1	EA		
40	CENTRALIZER 5-1/2" X 7 7/8"	5	EA	44.00	220.00
807-93022		5	EA		
320	CEMENT BASKET 5 1/2"	2	EA	110.00	220.00
800-8883		2	EA		
504-136	CEMENT - 40/60 POZMIX STANDARD	250	SK	5.68	1,420.00
506-121	HALLIBURTON-GEL 2%	400	LB	.00	N/C
509-968	SALT	1500	LB	.13	195.00
500-207	BULK SERVICE CHARGE			1.35	365.85
500-306	MILEAGE CMTG MAT DEL OR RETURN	286	TMI	.95	270.75
	INVOICE SUBTOTAL				6,085.10
	DISCOUNT - (BID)				1,203.76
	INVOICE BID AMOUNT				4,881.34
	* KANSAS STATE SALES TAX				166.90
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$5,048.24

RECEIVED
CONSERVATION DIVISION
Wichita, Kansas
MAY 25 1994

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

WELL DATA

FIELD REC 25 TWP 16S RING 26W COUNTY WESS STATE KS

FORMATION NAME TYPE 10238
FORMATION THICKNESS FROM TO
INITIAL PROD. OIL BPD WATER BPD GAS MCFD
PRESENT PROD. OIL BPD WATER BPD GAS MCFD
COMPLETION DATE MUD TYPE MUD WT
PACKER TYPE SET AT
BOTTOM HOLE TEMP PRESSURE
MISC DATA TOTAL DEPTH

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Includes rows for CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

JOB DATA

Table with columns: CALLED OUT DATE, ON LOCATION DATE, JOB STARTED DATE, JOB COMPLETED DATE. Includes times: 0600, 0815, 1230, 1500.

TOOLS AND ACCESSORIES

Table with columns: TYPE AND SIZE, QTY, MAKE. Includes items: FLOAT COLLAR, FLOAT VALVE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG, HEAD, PACKER, OTHER.

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes names: W. WILSON, M. GANT, G. BLESSED.

MATERIALS

TREAT. FLUID DENSITY LB/GAL API
DISPL. FLUID DENSITY LB/GAL API
PROP. TYPE SIZE LB
ACID TYPE GAL
SURFACTANT TYPE GAL
NE AGENT TYPE GAL
FLUID LOSS ADD. TYPE GAL-LB
GELLING AGENT TYPE GAL-LB
FRIC. RED. AGENT TYPE GAL-LB
BREAKER TYPE GAL-LB
BLOCKING AGENT TYPE GAL-LB
PERFPAC BALLS TYPE QTY

DEPARTMENT CEMENT
DESCRIPTION OF JOB CEMENT PRODUCTION CASING

JOB DONE THRU: TUBING, CASING, ANNULUS, TBG/ANN.

CUSTOMER REPRESENTATIVE STEVE ROBREW

HALLIBURTON OPERATOR Way & Wt

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK, MIXED LBS./GAL. Includes data for 250 sacks of 4070 P02 60% STD.

SUMMARY

CIRCULATING DISPLACEMENT
BREAKDOWN MAXIMUM
AVERAGE FRACTURE GRADIENT
SHUT-IN INSTANT 5-MIN 15-MIN
HYDRAULIC HORSEPOWER
ORDERED AVAILABLE USED
AVERAGE RATES IN BPM
TREATING DISPL. LEFT IN PIPE OVERALL
CEMENT LEFT IN PIPE
FEET 20.36 REASON INSERT

PRESLUSHED VOLUMES
LOAD & BKDN. BBL-GAL
TREATMENT CONSERVATION DIVISION
CEMENT SLURRY BBL-GAL
TOTAL VOLUME BBL-GAL
REMARKS
TOTAL PDC - 4523'
CENTRALIZERS - 1, 2, 4, 5, 6, 9
PORT COLLAR - TOP 69' - 1976'
BASKET - 1, 69'

CUSTOMER: PLATONADO PETROLEUM
WELL NO: BARBOLK
JOB TYPE: CMT - PROD - CS6
DATE: MAY 7 - 94