

ORIGINAL

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING INC.

License: 3779

Wellsite Geologist: NA

CONFIDENTIAL

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1-9-95 1-11-95 4-11-95
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21358

County MORTON

APPX - E/2 - W/2 - E/2 Sec. 21 Twp. 34 Rge. 41 W

2640 Feet from N (circle one) Line of Section

1580 Feet from W (circle one) Line of Section

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

Lease Name SNYDER 'A' Well # 4H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3426.4 KB --

Total Depth 2510 PBTB 2230

Amount of Surface Pipe Set and Cemented at 432 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACT 1 1-23-96 JK
(Data must be collected from the Reserve Pit)

Chloride content 4850 ppm Fluid volume 400 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

RELEASED

JUN 14 1996

Operator Name _____

Lease Name _____ **CONFIDENTIAL**

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 DRILLING TECHNICAL ASSISTANT Date 5-3-95

Subscribed and sworn to before me this 3 day of MAY 19 95.

Notary Public [Signature]

Date Commission Expires 18 April, 1999

STATE CORPORATION COMMISSION RECEIVED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
MAY 08 1995
Distribution
KCC _____
KGS _____
SWD/Rep/Plug _____
NGPA _____
KANSAS _____
(Specify)

BOBBY M. TILLMAN
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 18 Apr 99

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SNYDER 'A' Well # 4H

Sec. 21 Twp. 34 Rge. 41 East West

County MORTON

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum WELLINGTON 2008 HERRINGTON 2105 KRIDER 2167 WINFIELD 2232 TOWANDA 2282 FT. RILEY 2354
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E.Logs Run: CCL-CBL-GR, DIL, CNL-LDT, NGR, MSFL.		

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CASING RECORD <input checked="" 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	12 1/4	8 5/8	24	432	PREM PLUS LT/ PREM PLUS	85/120	2%CC/ 2%CC
PRODUCTION	7 7/8	5 1/2	15.5	2510	CLASS C/ CLASS C	170/40	20%DCD, 2%CC, 1/4 #/SX FLC / 10% DCD, 2%CC, 1/4#/SX FLC.
CEASING							

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	2014			
Protect Casing				
Plug Back TD				
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	
	2	2245-2251' CIBP SET @ 2230'	ACID: 300GAL 7-1/2% FEHCL FRAC: 3250# 40/70 SD & 17000# 20/40 SD	
2	2168-2174'	NONE		
2	2152-2156', 2128-2136'	ACID: 800GAL 7-1/2% FEHCL FRAC: 3750# 40/70 SD & 44000# 20/40 SD.		2152-2156' & 2128-2136'
2	2008-2016', 2032-2036'	ACID 600GAL 7-1/2% FEHCL FRAC: 22000# 20/40 SD		2008-2016' & 2032-2036'

TUBING RECORD	Size 2-3/8	Set At 2169'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. FIRST PRODUCTION: 4-26-95	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 422 Mcf	Water 12 Bbls.	Gas-Oil Ratio Gravity

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: _____ 2008-2174' (OA)

CONFIDENTIAL

ORIGINAL

NORSEMAN DRILLING, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

WELL NAME: SNYDER A-4H
SECTION 21-34S-41W
MORTON COUNTY, KANSAS
COMMENCED: JANUARY 10, 1995 API#15-129-21358
COMPLETED: JANUARY 13, 1995
OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	1049	Sand & Redbed	Ran 10 jts of 24#
1050	1173	Glorietta Sand	8 5/8" csg set @
1174	2510	Redbed & Shale	433'; w/80 SX of Premium Lite; 2% CC; Tailed w/120 SX Premium; 2% CC; Plug down at 7:00 p.m. on 01/10/95.

RELEASED

JUN 14 1996

Ran 10 jts 5 1/2" 15.5#, Set @ 2510'; w/170 SX Class
"C"; 20% Diacel D; 2% CC; 1/4# SX Flocele; Tailed
w/40 SX Class "C"; 10% Diacel D; 2% CC; 1/4# SX
Flocele; Plug down at 6:45 p.m., on 01/13/95.

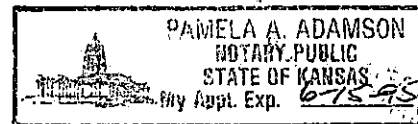
STATE OF KANSAS)I, the undersigned, being duly sworn on
oath, state that the above Drillers' Well
Log is true and correct to the best of my
knowledge and belief and according to the
records of this office.
COUNTY OF SEDGWICK

NORSEMAN DRILLING, INC.

James P. Reilly
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

January 25, 1995



My Appointment Expires:

June 15, 1995

Pamela A. Adamson
Pamela A. Adamson, Notary Public
340 Seville
Wichita, KS 67209

RECEIVED
CONSERVATION COMMISSION
MAY 08 1995
WICHITA, KANSAS

WELL DATA

FIELD _____ SEC. 21 TWP. 34S RING. 41W COUNTY Morton STATE KS

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

CONFIDENTIAL

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	61	25	105
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-12-95</u>	DATE <u>1-12-95</u>	DATE <u>1-12-95</u>	DATE <u>1-12-95</u>
TIME <u>1030</u>	TIME <u>0330</u>	TIME <u>1725</u>	TIME <u>1830</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Crist</u>	<u>38242</u>	<u>Liberal</u>
<u>P. 7653</u>		
<u>R. Martinez</u>	<u>75496</u>	<u>"</u>
<u>G-2731</u>	<u>RCM</u>	
<u>Tim Broadfoot</u>	<u>5302</u>	<u>Muscaton</u>
<u>D 4604</u>	<u>Bulk</u>	
<u>D. Hamilton</u>	<u>4515</u>	<u>"</u>
<u>G-3090</u>	<u>Bulk</u>	

RELEASED

JUN 9 4 1996

DEPARTMENT Cement
 DESCRIPTION OF JOB 035
FROM CONFIDENTIAL

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X Job Study
 HALLIBURTON OPERATOR Ron Crist COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>170</u>	<u>Prem+</u>		<u>B</u>	<u>20% Diacel D, 2% cc 1/4 flocc</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>Prem+</u>		<u>B</u>	<u>10% Diacel D, 2% cc 1/4 flo.</u>	<u>2.09</u>	<u>13</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

PRESLUSH: BBL.-GAL. _____
 LOAD & BKDN: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____
 CEMENT SLURRY: BBL.-GAL. 81 bbl cc 14 MTC
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

Did not circulate cement

CUSTOMER Amstar Ks
 LEASE Snyder A
 WELL NO. 4-44
 JOB TYPE 035
 DATE 1-12-95



JOB LOG HAL-2013-C

CUSTOMER Agador Ko	WELL NO. 4-H	LEASE Snyder A	JOB TYPE 035	TICKET NO. 706004
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030		—					called out
	1330		—					on location
	1515		—					Run casing to 2510 ^{ET}
	1725		—					hook iron to circulate
	1729		—					circulating to pit
	1735		—					shut down hook iron to TRK
	1740	5	10			0-355		Pump 2% KCl spacer
	1742	5	30			355		Pump mud flush
	1748	5	10			360		Pump 2% KCl spacer
	1750	6	81			350-140		Pump lead cement @ 12 th
	1803	6	14			145		Pump tail cement @ 13 th
	1806	—	—			⊗		shut down, wash pump lines
	—	—	—			—		prop plug
	1810	6	50			0-500		Pump displacement
	1820	2	10			500-610		slow rate
	1825					500-1020		Bump Plug float held
	1830							Job End
								MSDS Handed To John Shillings
								CONFIDENTIAL
								RELEASED JUN 14 1996 FROM CONFIDENTIAL
								Did not circulate cement
								Job End
								Thank you for calling Halliburton



FORM 1906 R-13

CHARGE TO: *Halliburton*
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET No. **706004 - 2**
 PAGE 1 OF 1

RECEIVED JUN 14 1996 FROM CONFIDENTIAL

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <i>14-4</i>	<i>14-H</i>	<i>Sandwell</i>	<i>MOORE</i>	<i>KS</i>		<i>12-95</i>	<i>Schlumberger</i>
2. <i>14-4</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
3. <i>14-4</i>	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. <i>14-4</i>	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>100-97</i>		<i>1</i>	<i>ORIGINAL</i>		<i>MILEAGE</i>	<i>54</i>	<i>1</i>	<i>1</i>	<i>2.75</i>	<i>148.50</i>	
<i>001-016</i>		<i>1</i>	<i>ORIGINAL</i>		<i>Booms changed</i>	<i>25</i>	<i>1</i>	<i>1</i>	<i>5.80</i>	<i>145.00</i>	
<i>030-006</i>		<i>1</i>	<i>ORIGINAL</i>		<i>Top of hole</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>60</i>	<i>60</i>	
<i>26</i>	<i>947.6318</i>	<i>1</i>	<i>ORIGINAL</i>		<i>1-1/2" chg</i>	<i>5 1/2</i>	<i>1</i>	<i>1</i>	<i>6.50</i>	<i>35.25</i>	
<i>219-759</i>		<i>1</i>	<i>ORIGINAL</i>		<i>1 1/2" chg</i>	<i>1</i>	<i>1</i>	<i>25</i>	<i>19.20</i>	<i>19.20</i>	
<i>310</i>	<i>806.6007</i>	<i>1</i>	<i>ORIGINAL</i>		<i>Center 3.00</i>	<i>1 1/2</i>	<i>1</i>	<i>60</i>	<i>290.00</i>	<i>442.50</i>	
<i>49</i>	<i>415.1931</i>	<i>1</i>	<i>ORIGINAL</i>		<i>1 1/2" chg</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>55.00</i>	<i>55.00</i>	
<i>018-315</i>		<i>1</i>	<i>ORIGINAL</i>		<i>1 1/2" chg</i>	<i>176</i>	<i>1</i>	<i>1</i>	<i>4.80</i>	<i>844.80</i>	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to: **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *[Signature]*
 DATE SIGNED: *06/14/96* TIME SIGNED: *10:00* A.M. / P.M.
 do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	DEPTH	SURVEY <input checked="" type="checkbox"/> AGREE <input type="checkbox"/> UNDECIDED <input type="checkbox"/> DISAGREE OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input checked="" type="checkbox"/> YES WE UNDERSTOOD AND MET YOUR NEEDS? <input checked="" type="checkbox"/> YES OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input checked="" type="checkbox"/> YES WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input checked="" type="checkbox"/> YES ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND
TYPE LOCK	SPACERS	
BEAN SIZE	CASING PRESSURE	
TYPE OF EQUALIZING SUB	TUBING SIZE	
TUBING PRESSURE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

PAGE TOTAL: *3775.50*
 FROM CONTINUATION PAGE(S): *8106.55*
 SUB-TOTAL: *8882.05*
 APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES. The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): *John Sirri*
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *[Signature]*
 HALLIBURTON OPERATOR/ENGINEER: *Ronald Court*
 EMP #: *0211*
 HALLIBURTON APPROVAL: *[Signature]*



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Continent
Liberal KS

BILLED ON TICKET NO. 105519

WELL DATA

FIELD _____ SEC. 21 TWP. 34S RNG. 41W COUNTY. Morton STATE KS

FORMATION NAME _____ TYPE _____

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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 3/8"	KB	4475	
LINER						
TUBING						
OPEN HOLE			12 1/4	EL	434	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-9-95</u>	DATE <u>1-9-95</u>	DATE <u>1-9-95</u>	DATE <u>1-9-95</u>
TIME <u>1300</u>	TIME <u>1530</u>	TIME <u>1815</u>	TIME <u>1840</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert / Flip</u>	<u>1</u>	<u>Hanceo</u>
FLOW SHOE <u>To pattern</u>	<u>1</u>	
GUIDE SHOE		
CENTRALIZERS <u>Reg.</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>SW</u>	<u>1</u>	
HEAD <u>M.F.</u>	<u>1</u>	
PACKER <u>Bracket</u>	<u>1</u>	
OTHER <u>weld A</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Payer</u>	<u>40048 / Pick-up</u>	<u>Liberal KS</u>
<u>R. Elwood</u>	<u>76900 / 75TC-4</u>	<u>" "</u>
<u>D. Hamilton</u>	<u>4515 / Bulk</u>	<u>Hugoton, KS</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

ORIGINAL

CONFIDENTIAL

DEPARTMENT 5001

DESCRIPTION OF JOB SET SURFACE PIPE

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN:

CUSTOMER REPRESENTATIVE X John Sherry

HALLIBURTON OPERATOR Tom Payer COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1st</u>	<u>14</u>	<u>HLC</u>		<u>B</u>	<u>2% CC</u>	<u>2.05</u>	<u>12.3</u>
<u>2nd</u>	<u>14</u>	<u>Pt</u>		<u>B</u>	<u>2% CC</u>	<u>1.34</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 41 REASON Shot joint

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 26

CEMENT SLURRY: BBL.-GAL. 31+28.6

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

SEE Job Log

Cement to SURFACE

M.S.P.S. Left on Rig

CUSTOMER Aradaska Pet. Co. Inc.

LEASE Snyder "A"

WELL NO. 4-H

JOB TYPE SPS (oil)

DATE 1-9-95

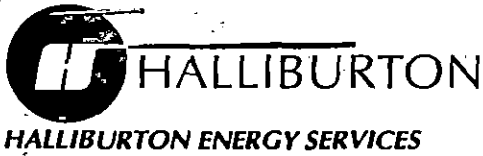


JOB LOG HAL-2013-C

DATE 1-9-95 PAGE NO.

CUSTOMER *Amundson* WELL NO. *4-11* LEASE *Snyder "A"* JOB TYPE *010* TICKET NO. *705519*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Called out — Req. "New"
	1530							On loc. — Prilling
	1630							Rig up
	1630							T.O.H.
	1700							Run Csg. @ 85' 24
	1810							Hook-up to cise. — Drop Ball for Float
	1814							Hook-up to amt. ORIGINAL
	1815		31				0/150	Pump load amt. @ 85 sx.
			28				150	Pump trail amt. @ 120 sx.
	1826						150/0	Shot down. — Drop plug —
	1827		26				0/100	Pump Displacement — wash-up
	1832	6-2					109/50	Reduce rate
	1834	2-0					100/650	Plug landed
	1835						650/0	Release press. — float "held"
								Cement to SURFACE
								Approx. 15 bbls on 41 sx
								Thanks!
								Tom Poyar & crew!
								RELEASED
								JUN 14 1996
								FROM CONFIDENTIAL
								CONFIDENTIAL
	1530							Bulk trk. on location



CHARGE TO: ANADARKO PET. CORP.
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET WT 601
 No. **705519 - 1**

PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>025540</u>	WELL/PROJECT NO. <u>1-H</u>	LEASE <u>Snyder A</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>1-9-95</u>	OWNER
2. <u>025535</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>NORSEMAN</u>	RIG NAME/NO. <u>#2</u>	SHIPPED VIA <u>HES</u>	DELIVERED TO <u>WELLSITE</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	<u>02</u>	<u>01</u>	<u>010</u>		<u>LAND (21-34-41)</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC.	ACCT.	DF.			U/M		U/M		
<u>000-117</u>					MILEAGE	<u>EA</u>	<u>mi</u>	<u>27</u>	<u>mi</u>	<u>2.95</u>	<u>148.50</u>
<u>001-016</u>					Pump Chg.	<u>1/2</u>	<u>hrs</u>	<u>447</u>	<u>EA</u>		<u>630.00</u>
<u>030-018</u>					Top Plug	<u>8 3/4</u>	<u>in</u>	<u>1</u>	<u>EA</u>		<u>130.00</u>
<u>16A</u>	<u>830.2171</u>				Texas Pattern	"	"	<u>11 1/2</u>			<u>161.00</u>
<u>24A</u>	<u>815.19502</u>				Insert float	"	"				<u>171.00</u>
<u>27</u>	<u>815.19415</u>				Fillup	"	"				<u>531.00</u>
<u>320</u>	<u>806.70060</u>				Basket	"	"				<u>120.00</u>
<u>350</u>	<u>49010802</u>				Weld A	<u>1</u>	<u>lb</u>				<u>14.50</u>
<u>40</u>	<u>806.61048</u>				Centralizer	<u>8 3/4</u>	<u>in</u>	<u>3</u>	<u>EA</u>	<u>65.00</u>	<u>195.00</u>

CONFIDENTIAL

RELEASED

JUN 14 1995

ORIGINAL FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to: **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	<u>1625.00</u>
FROM CONTINUATION PAGE(S)	<u>2878.37</u>
SUB-TOTAL	<u>4503.37</u>
APPLICABLE TAXES WILL BE ADDED ON INVOICE	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>John S. ...</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>Tom Pappas</u>	EMP # <u>48120</u>	HALLIBURTON APPROVAL
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