

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

ORIGINAL

API NO. 15- 129-21,149-0000

County Morton

1250 Feet from S (circle one) Line of Section

1250 Feet from E (circle one) Line of Section

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

Lease Name Snyder "A" Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3428.7 KB NA

Total Depth 2250 PBDT 2243

Amount of Surface Pipe Set and Cemented at 1436 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PLT 1 4-28-93
(Data must be collected from the Reserve Pit)

Grain content _____ ppm Fluid volume 700 bbls

Dewatering method used Natural Evaporation

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 P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Panhandle Eastern Pipe Line Co.

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11-29-92 12-4-92 3-16-93
Spud Date Date Reached TD Completion Date

KANSAS CORPORATION COMMISSION
RECEIVED
APR 27 1993
CONSERVATION DIVISION
WICHITA, KS

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 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-6 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 Beverly Williams
Beverly Williams
Title Technical Assistant Date 4-19-93

Subscribed and sworn to before me this 19th day of April, 1993.

Notary Public Cheryl Steers

Date Commission Expires _____
CHERYL STEERS
Notary Public - State of Kansas
My Appl. Expires 6-1-93

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 Snyder "A" Well # 3

Sec. 21 Twp. 34S Rge. 41 East West County Morton

ORIGINAL

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 Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B. Cimarron Anhydrite	1437	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	T. Wellington Anhydrite	1902	
List All E.Logs Run:		T. Herrington	2112	
		T. Krider	2130	
		T. Odell Shale	2161	

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#	1436	Pozmix & Common	700	2% cc 4% gel 2% cc
Production	7 7/8	5 1/2	15.50#	2249	Pozmix	150	1/4# /sx flocele 10% Salt 1/4# /sx flocele 5# /sx gilsonite

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
4	2140-60	Brk dwn w/4000 gal 2% kcl wtr & additives, 100 BS.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 3-16-93	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Sbls.	Gas Mcf	Water Sbls.	Gas-Oil Ratio	Gravity
		60			

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

F.1e

GABBERT-JONES, INC.
WICHITA, KANSAS
- DRILLERS' WELL LOG -

ORIGINAL

WELL NAME: SNYDER A-3
SEC: 21-34S-41W
MORTON COUNTY, KANSAS

COMMENCED: 11-29-92
COMPLETED: 12-5-92
OPERATOR: ANADARKO PETROLEUM CORPORATION

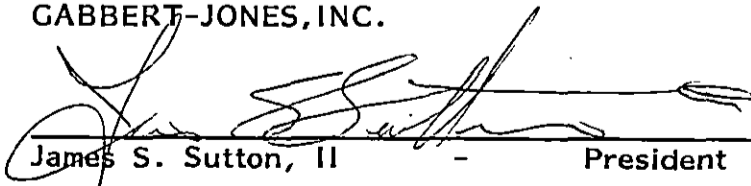
DEPTH From	To	FORMATION	REMARKS
0	358	sand-clay-redbed	
358	1437	redbed-gyp	Ran 35jts of 24#8 5/8"
1437	1625	anhy-shale	csg LD@1436'w/500
1625	2130	shale	sks 50/50 posmix 2%CC
2130	2190	core #1	4%gel-200sks common
2190	2250	shale	2%CC PD@11:45pm 11-30-92
2250-TD			Ran 53jts of 14#5 1/2" csg LD@2245'w/75sks class H 65/35 posmix 1/4#CF-75sks class H 50/50 posmix 10% salt 1/4#CF-10# gilsonite PD@12:00 (noon) 12-5-92 RR@1:00 pm 12-5-92

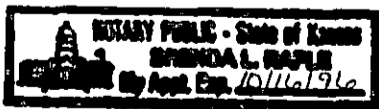
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KANSAS CORPORATION COMMISSION
APR 21 1993
CONSERVATION DIVISION
WICHITA, KS

STATE OF KANSAS]
COUNTY OF SEDGWICK]

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.

GABBERT-JONES, INC.


James S. Sutton, II - President



Subscribed & sworn to before me this 11th, day of December, 1992


Brenda L. Raple, Notary Public

My commission expires October 16, 1996.



INVOICE

REMIT TO: P O BOX 281556 HOUSTON TX 77216

ORIGINAL

0512

156928 AMADARKO PETROLEUM CORP BOX 351 LIBERAL KS 67501

Table with 1 row: INVOICE DATE 12/05/92

Table with 2 rows: PAGE 1, INVOICE NUMBER 03-12-4925

Table with 1 row: TYPE SERVICE CEMENTING CEMENT PRODUCTIO

Summary table with columns: WELL NAME / JOB SITE, STATE, COUNTY / CITY, SERVICE FROM LOCATION, SHIPPED VIA, CUSTOMER P.O. NO./REF. Location / Plant Address, Date of Service Order, Customer or Authorized Representative.

Main invoice table with columns: ITEM CODE, DESCRIPTION, UOM, QTY, UNIT PRICE, AMOUNT. Lists various items like CORR CORR, PACR TREAT ANALYSIS RECORDER, etc.

SUB TOTAL 2,392.54
1,392.11 68.21
1,392.11 13.92
AMOUNT DUE 2,474.67

Handwritten signature: Jim Barlow

Handwritten: 4054-2041 KA

Handwritten date: 12/18/92

RECEIVED KANSAS CORPORATION COMMISSION APR 21 1993 CONSERVATION DIVISION WICHITA, KS

WITH QUESTIONS CALL 316-356-1272 FEDERAL TAX ID # 38-239-7173 TERMS -- NET 30 DAYS DUE ON OR BEFORE JAN 04, 1993

THANK YOU. WE APPRECIATE YOUR BUSINESS. J. B. Watson T/B MATSON



REMIT TO: P O BOX 201556 HOUSTON TX 77216

INVOICE

0312

ORIGINAL

INVOICE DATE
11/30/92

556920
ANADARKO PETROLEUM CORP
BOX 351
LIBERAL KS 67901

PAGE
1

INVOICE NUMBER
03-12-4909

TYPE SERVICE
CEMENTING CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
SNYDER A 3	KS	MORTON	ULYSSES	DS	
LOCATION / PLANT ADDRESS	DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE			
SEC 21-348-41H	11/30/92	JOHN SWILLING			

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	40	2.6500	106.00
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	140.0000	140.00
002871015	CSHG CRMT 1001-1500' 1ST GHR	GHR	1	980.0000	980.00
040601000	CEMENT HEAD RENTAL	JOB	1	0.0000	N/C
049102000	TRANSPORTATION CRMT TON MILE	MI	478	.8800	420.64
049100000	SERVICE CHG CEMENT MATL LAND	CFT	752	1.2000	902.40
040015000	D909, CEMENT CLASS H	CFT	450	7.4700	3,361.50
045000000	D35, LITEPOZ 3 EXTENDER	CFT	250	3.9400	985.00
045014050	D20, DENTONITE EXTENDER	LBS	1600	.1500	252.00
067065100	SI,CALCIUM CHLORIDE	LBS	1216	.3600	437.76
056702005	PLUG CENG 8-5/8" TOP PLASTIC	EA	1	98.0000	98.00
056900005	BASKET CENG CASING 8-5/8"	EA	1	240.0000	240.00
	DISCOUNT - MATERIAL				2,095.96-
	DISCOUNT - SERVICE				994.13-
	SUB-TOTAL				4,833.21

N C	STATE TAX ON	3,534.88	173.21
N F C	LOCAL TAX ON	3,534.88	35.35
	AMOUNT DUE --		5,041.77

B4054-2041
Benjamin H. Watson

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APR 21 1993
CONSERVATION DIVISION
WICHITA, KS

11-19-92
W. Watson

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 38-239-7173
TERMS -- NET 30 DAYS DUE ON OR BEFORE DEC 30, 1992

THANK YOU, WE APPRECIATE YOUR BUSINESS.
J. B. Watson
J B WATSON

Core and Drill Bit Record



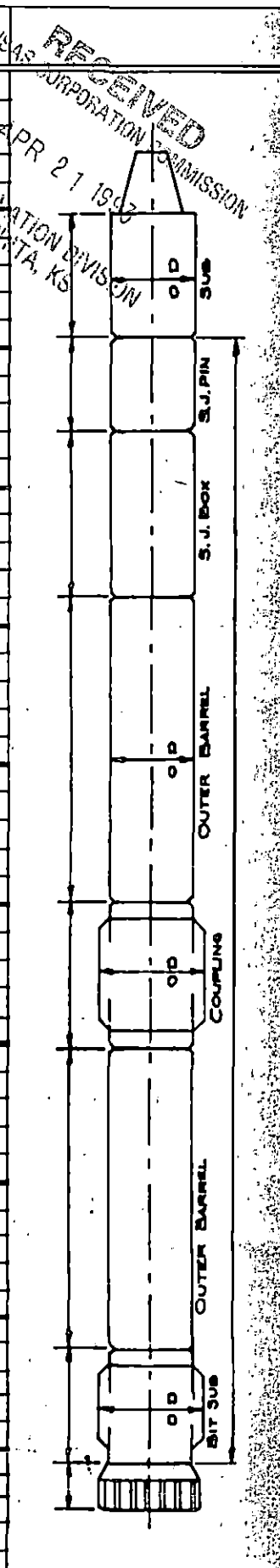
Homco Coring Services
 P.O. Box 1590
 Pearland, Texas 77588-1590

ORIGINAL

Company ANADARKO
 Well SMYDEL 2-3 Field Houston
 County MONTANA State KENTUCKY
 Company Core No. 1 Hycalog Core No. 1
 Bit No. 9015AAA Type m7100 Size 7 1/2 x 4
 Barrel No. 670 Size 67x4x60 Cut 60' Recovered 60'
 Contractor 6488 FCT & JONES Rig No. 11

Engineer P. Williams Date 12-3-92
 No. 1 Pump Make ... Size ...
 No. 2 Pump Make ... Size ...
 Drill Pipe 4 1/2
 Collars OD 6 1/2 ID 5 1/2
 Mud Weight ... PV ... Type ...
 Hole Size 7 7/8 CSU ... 1456
 Other Tools ... ID ...

Start	Depth	Time	Min. Por Foot	FORMATION	Wt. On Bit	Rotary RPM	SPM	GPM	SURFACE PRESS	BIT PRESS DROP	TORQUE
1	2130	7:54	1								
2	31	8:01	7	CHASE	6-8	48	AIR Flow	220			
3	32	8:04	3								
4	33	8:06	2								
5	34	8:11	5								
6	2135	8:16	5	CHASE	10	56	AIR Flow	220			
7	36	8:19	3								
8	37	8:22	3								
9	38	8:25	3								
10	39	8:28	3								
11	2140	8:32	4	CHASE	12	64	AIR Flow	220			
12	41	8:36	4								
13	42	8:39	3								
14	43	8:42	3								
15	44	8:45	3								
16	2145	8:47	2	CHASE	12	66	AIR Flow	220			
17	46	8:49	2								
18	47	8:52	3								
19	48	8:55	3								
20	49	8:57	2								
21	2150	9:00	3	CHASE	12	66	AIR Flow	220			
22	51	9:02	2								
23	52	9:04	2								
24	53	9:07	3								
25	54	9:09	2								
26	2155	9:12	3	CHASE	12	66	AIR Flow	220			
27	56	9:16	4								
28	57	9:19	3								
29	58	9:22	3								
30	59	9:25	3								
31	2160	9:27	2	CHASE	12	66	AIR Flow	220			
32	61	9:30	3								
33	62	9:49	7	12 min. chd.							
34	63	9:52	3								
35	64	9:54	2								
36	2165	9:56	2	CHASE	12	66	AIR Flow	220			
37	66	9:58	2								
38	67	10:00	2								
39	68	10:01	1								
40	69	10:03	2								
41	2170	10:05	2	CHASE	12	66	AIR Flow	220			
42	71	10:09	4								
43	72	10:14	5								
44	73	10:15	6	25 min. AUP							
45	74	10:18	3								
46	2175	10:20	2								
47	76	10:25	3								
48	77	10:25	2								
49	78	10:28	2								
50	79	11:01	3								
51	2180	11:04	3								
52	81	11:07	3								
53	82	11:10	3								
54	83	11:13	3								
55	84	11:18	5								
56	2185	11:23	5								
57	86	11:25	2								
58	87	11:28	3								
59	88	11:31	3								
60	89	11:33	2								
61	2190	11:36	3								



TOTAL CORE TIME
 302.42 min.
 457.37 min.
 3425

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 APR 21 1993