

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- 129-21,156-66-00

County Morton

W2 E/2 SE - Sec. 7 Twp. 34S Rge. 41 X W

1250 Feet from (S)N (circle one) Line of Section

1000 Feet from (E)W (circle one) Line of Section

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

Lease Name USA "AH" Well # 1

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3434 KB NA

Total Depth 2130 PBD 2130

Amount of Surface Pipe Set and Cemented at 629 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 4-28-93
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 700 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____

Quarter _____ Sec. _____ Twp. 34S Rge. 41 X 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 Company

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253 KANSAS CORPORATION COMMISSION

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

X New Well _____ Re-Entry _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR X 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 _____ PBD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

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

12-17-92 12-19-92 1-25-93

Spud Date Date Reached TD Completion Date

RECEIVED
APR 20 1993
CONFIDENTIAL
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

RELEASED

APR 28 1994

FROM CONFIDENTIAL

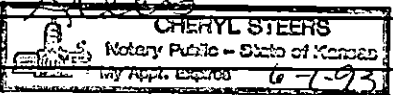
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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-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 Beverly J. Williams
Beverly J. Williams
Title Engineering Technician Date 4-15-93

Subscribed and sworn to before me this 15th day of April 19 93.

Notary Public Cheeryl Steers
Date Commission Expires _____



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 USA "AH" Well # 1

Sec. 7 Twp. 34S Rge. 41 East County Morton 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: (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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Blaine	814	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cedar Hills	996	
List All E.Logs Run:		Stone Corral	1381	
		Chase	Not Logged	
		Council Grove	Not Logged	
		TD	2130	

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	629	Pozmix & Common	350	2% cc #/sx flocele 3% cc #/sx flocele
Production	7 7/8	5 1/2	15.50	2065	Class "H"	190	20% DCD 2% cc #/sx flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforation				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	None		

TUBING RECORD	Size	Set At	Packer At	Liner Run
None				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or In] <u>SI WO Pipeline</u>	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 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		107			

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: 2063-2088

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

APR 19
 CONFIDENTIAL

WELL NAME: USA AH-1
 SEC: 7-34S-41W
 MORTON COUNTY, KANSAS

COMMENCED: 12-17-92
 COMPLETED: 12-20-92
 OPERATOR: ANADARKO PETROLEUM CORPORATION

DEPTH From To	FORMATION	REMARKS
0 410	sand-redbed	Ran 15jts of 24#8 5/8"
410 1000	redbed-gyp	csg LD@629'w/200sks
1000 1185	sand	75/25posmix 2%CC 1/4#
1185 1590	gyp-shale-anhy	CF-150sks common
1590 1925	gyp-shale	3%CC 1/4#CF
1925 2066	shale	PD@9:30pm 12-17-92

2066-TD

ORIGINAL

RELEASED

APR 28 1994

FROM CONFIDENTIAL

Ran 47jts of 15 1/2 #5 1/2"
 csg LD@2065'w/150sks
 class C 20%DCD 2%CC
 1/4#CF 40sks class C
 10%DCD 2%CC 1/4#CF
 PD@2:30am 12-20-92
 RR@3:30am 12-20-92

RECEIVED
 KANSAS CORPORATION COMMISSION

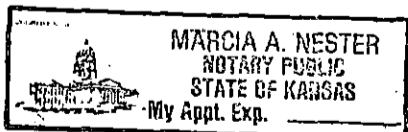
APR 20 1993

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.



[Signature]
 James S. Sutton, II - President

Subscribed & sworn to before me this 18th, day of January, 1993

[Signature]
 Marcia A. Nester, Notary Public

My commission expires June 30, 1994.



INVOICE

0312

REMIT TO: P O BOX 201556 HOUSTON TX 77216

ORIGINAL

INVOICE DATE
12/20/92

556028
ANADARKO PETROLEUM CORP
BOX 351
LIBERAL KS 67901

APR 19
CONFIDENTIAL

PAGE	1
INVOICE NUMBER	03-12-4967
TYPE SERVICE	CEMENTING CEMENT PRODUCTION

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
USA-0-0-1	KS	HORTON	ULYSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 07-375-414			12/19/92	JOHN SNILLING	

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
102871025	CHNG CHNT 2001-2500' 1ST BHR	BHR	1	1,160.0000	1,160.00
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
049102000	TRANSPORTATION CHNT TOP MILE	MI	161	.8800	141.68
049100000	SERVICE CHG CEMENT HATL LAND	CFT	385	1.2000	462.00
040003000	D903, CEMENT CLASS C	CFT	190	7.9800	1,516.20
045010003	N56, EXTENDER	CFT	188	8.6400	1,624.32
067005100	S1, CALCIUM CHLORIDE	LBS	357	.3600	128.52
044003025	N29, CELLOPHANE FLAKES	LBS	48	1.5900	76.32
100282000	D826, CHEMICAL WASH CW7	BCL	30	25.9600	778.80
056702054	PLUG CENG 5-1/2" TOP PLASTIC	EA	1	67.0000	67.00
067011000	M117, POTASSIUM CHLORIDE	LBS	150	.2800	42.00
	DISCOUNT - MATERIAL				1,650.93-
	DISCOUNT - SERVICE				783.78
				SUB TOTAL --	3,800.13
N C	STATE TAX ON			2,668.65	130.77
H F C	LOCAL TAX ON			2,668.65	26.69
				AMOUNT DUE --	3,965.59

John Snilling

RELEASED

APR 28 1994

RECEIVED
KANSAS CORPORATION COMMISSION

APR 20 1993

FROM CONFIDENTIAL CONSERVATION DIVISION
WICHITA, KS

2147-2041
KL

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 39-239-7173
TERMS -- NET 30 DAYS DUE ON OR BEFORE JAN 19, 1993

THANK YOU. WE APPRECIATE YOUR BUSINESS.

J. B. Watson
T B WATSON



INVOICE

REMIT TO: P O BOX 201556 HOUSTON TX 77216

ORIGINAL

0312

INVOICE DATE
12/17/92

556028
ANADARKO PETROLEUM CORP

BOX 351
LIBERAL KS 67901

PAGE
1

INVOICE NUMBER
03-12-4963

TYPE SERVICE
CEMENTING CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
USA A-II	KS	WORTH	ULYSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
			12/17/92	JOHN SHILLING	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
102871010	CEMG CHNT 501-1000' 1ST 8 HR	JHR	1	740.0000	740.00
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
049102000	TRANSPORTATION CHNT TON MILE	MI	246	.8000	216.48
049100000	SERVICE CMG CEMENT MATL LARD	CFT	365	1.2000	438.00
059697000	PACK TREAT ANALYSIS RECORDER	JOB	1	140.0000	140.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	40	2.6500	106.00
040015000	D909. CEMENT CLASS H	CFT	300	7.4700	2,241.00
045000000	D35, LITEPOZ 3 EXTENDER	TAL	50	3.9400	197.00
067005100	S1.CALCIUM CHLORIDE	LBS	779	.3600	280.44
044003025	D29. CELLOPHANE FLAKES	LBS	88	1.5900	139.92
056702085	PLUG CENG 8-5/8" TOP PLASTIC	EA	1	98.0000	98.00
	DISCOUNT - MATERIAL				1,152.98-
	DISCOUNT - SERVICE				639.79-
	SUB TOTAL				2,804.07

RELEASED
APR 28 1994

FROM CONFIDENTIAL

M C STATE TAX ON
H F C LOCAL TAX ON

1,935.43 94.84
1,935.43 19.35

AMOUNT DUE -- 2,918.26

RECEIVED
KANSAS CORPORATION COMMISSION

APR 20 1993

CONSERVATION DIVISION
WICHITA, KS

2147-2041

KH

12-28-92

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 30-239-7173
TERMS -- NET 30 DAYS DUE ON OR BEFORE JAN 16, 1993

THANK YOU, WE APPRECIATE YOUR BUSINESS.

T. B. Watson
T. B. WATSON

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Anadarko Petroleum Corporation

3. ADDRESS OF OPERATOR
P. O. Box 351, Liberal, KS 67905-0351

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
1250' FSL & 1000' FEL, Section 7-34S-41W
 At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4.1 miles NW of Wilburton, KS

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. See Exhibit C-2

19. PROPOSED DEPTH
2130'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3436'

22. APPROX. DATE WORK WILL START*
Upon Approval

5. LEASE DESIGNATION AND SERIAL NO.
KS NM 67027

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
KS NM 75136

8. FARM OR LEASE NAME
U.S.A. "AH"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Hugoton

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
7-34S-41W

12. COUNTY OR PARISH
Morton

13. STATE
Kansas

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	600'	See #1
7 7/8	5 1/2	14	2065' or 2130'	See #2
4 7/8	4 1/2 Liner	10.5	2130'	See #3

(See Attachment)

RECEIVED
STATE CORPORATION COMMISSION

DEC 1 1992

CONSULTING DIVISION
Wichita, Kansas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. L. Ashton TITLE Division Production Manager DATE 10/9/92
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (ORIG. SGN.) VIRGIL PAUL CHIEF, BRANCH OF FLUID OPERATIONS DATE DEC 08 1992
 CONDITIONS OF APPROVAL, IF ANY:

Kansas Corporation Commission

*See Instructions On Reverse Side

WELL LOCATION SURVEY

PROPERTY OWNER Anadarko Petroleum Corporation SURVEY OF WELL USA A-#1
 LOCATED 1250 feet from the South line and 1000 feet from the East line of
 SECTION 7, T34S-R41W COUNTY OF Morton STATE OF Kansas
 SURVEYED September 29, 1992 PLATTED September 30, 1992
 ELEVATION OF WELL LOCATION IS 3436.3 feet

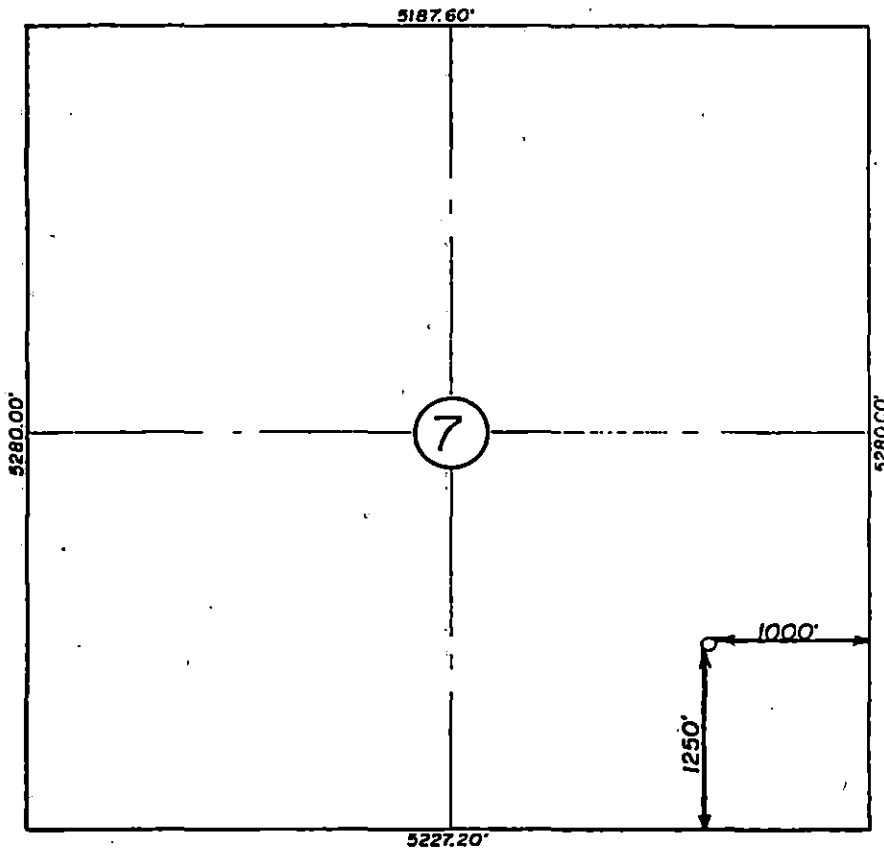


Exhibit A Location and Elevation

**USA AH No. 1
 1250' FSL & 1000' FEL
 Section 7-34S-41W
 Morton County, Kansas
 Lease No. KS MN (67027)**

I, Donald D. DeSpain, being a Registered Land Surveyor

in the State of Kansas Seal No. 707 do hereby certify that the above plat represents an accurate survey made under my supervision and that all measurements, bearings and monuments are correctly shown and indicated on the above plat as found or staked in the field as so dated above.

Signed: Donald D. DeSpain

Surveying - Engineering - Drafting
 Company
 Guyton, Oklahoma 73449
 Phone: Day 338-6904 & 338-2144
 338-7781 and 338-2656

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RENVR. Other _____

2. NAME OF OPERATOR
Anadarko Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.
P. O. Box 351, Liberal, Kansas 67905-0351 (316) 624-6253

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1250' FSL & 1000' FEL
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. 15-129-21,156 DATE ISSUED 12-8-92

5. LEASE DESIGNATION AND SERIAL NO.
KS NM 67027

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
KS NM 75136

8. FARM OR LEASE NAME, WELL NO.
USA "AH" No. 1

9. API WELL NO.
15-129-21,156-00-00

10. FIELD AND POOL, OR WILDCAT
Hugoton

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 7-34S-41W

12. COUNTY OR PARISH
Morton

13. STATE
Kansas

15. DATE SPudded 12-17-92 16. DATE T.D. REACHED 12-19-92 17. DATE COMPL. (Ready to prod.) 1-25-93 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3434 GL 19. ELEV. CASINGHEAD NA

20. TOTAL DEPTH, MD & TVD 2130 21. PLUG BACK T.D., MD & TVD 2130 22. IF MULTIPLE COMPL., HOW MANY* NA 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2063-2088 (Chase) 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL/GR/SP/CAL; CNL/LDT/GR/CAL; DIL/GR/SP/CAL; LDT/EP/THERMAL NEUTRON; 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8 J-55	24#	629	12 1/4	Surf/200 sxs Poz/150 sxs Common	0
5 1/2 J-55	15.50#	2065	7 7/8	/190 sxs Class "H"	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2	2030	2130	25 sxs	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (Interval, size and number)

None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-in)
<u>SI WO PIPELINE</u>	<u>Flowing</u>	<u>Shut-in</u>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>1-25-93</u>	<u>24</u>	<u>NA</u>	<u>→</u>	<u>-</u>	<u>107</u>	<u>-</u>	<u>-</u>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<u>-</u>	<u>24</u>	<u>→</u>	<u>-</u>	<u>107</u>	<u>-</u>	<u>-</u>

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
KCC ACO-1, Cement Tickets, Nuclear Logs, Etc.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Beverly Williams TITLE Engineering Technician DATE 4-15-93

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Blaine	814			sand-redbed	0	
Cedar Hills	996			redbed-gyp	410	
Stone Corral	1381			sand	1000	
Chase	Not Logged			gyp-shale-anhy	1185	
Council Grove	Not Logged			gyp-shale	1590	
TD	2130			shale	1925	
				TD	2066	