

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 100 Colorado Derby Building
 Wichita, Kansas 67202

WELL PLUGGING RECORD
 K.A.R.-82-3-117

API NUMBER 15-055-20,038-0008

LEASE NAME Garden City "B"

TYPE OR PRINT

NOTICE: Fill out completely
 and return to Cons. Div.
 office within 30 days.

WELL NUMBER 2

1,980 Ft. from S Section Line

4,620 Ft. from E Section Line

LEASE OPERATOR Texaco Exploration & Production, Inc.

SEC. 5 TWP. 22S RGE. 33 (E) or (W)

ADDRESS P. O. Box 2700, Pampa, Texas 79066-2700

COUNTY Finney

PHONE#(806) 665-1876 OPERATORS LICENSE NO. 5153

Date Well Completed 8-12-71

Character of Well Oil

Plugging Commenced 2-25-91

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Plugging Completed 2-28-91

The plugging proposal was approved on February 22, 1991 (date)

by Richard Lacey (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? Log was sent w/Form CP-1

Producing Formation St. Louis Depth to Top 4,719 Bottom 4,934 P.B.T.D. 4,763
Marmaton Depth to Top 4,332 Bottom 4,422 T.O. 4,800

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

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Formation	Content	From	To	Size	Put In	Pulled out
Marmaton	Oil - Water	Surface	417	8-5/8"	417'	None
St. Louis	Oil - Water	Surface	4799	5-1/2"	4799'	None

MAR 21 1991

CONSERVATION DIVISION
 Wichita, Kansas

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set. Run 2-3/8" tbg, tagged packer @ 4528', spotted 35 sks cement 4248-4528', loaded hole w/9# drilling mud 4248-1075'. Perf. 1075', pumped 50 sks cement. Cement plug from 1075-975'. Perf. 665'. Establish circulation, pumped 200 sks 65-35 Poz w/2% Gel, circulated to surface. Dug out 8-5/8" and 5-1/2" casing. Cut off 4' below ground and capped.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Sargent Casing Pulling Serv. License No. 6547

Address Box 506, Liberal, KS 67905-0506

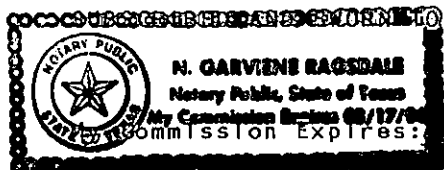
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Texaco E&P, Inc.

STATE OF Texas COUNTY OF Gray, ss.

Texaco E&P, Inc., J. M. Barnum (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) J. M. Barnum

(Address) _____



before me this 19th day of March, 19 91

N. Garvine Ragsdale
 Notary Public

8-17-94

GEOLOGICAL DATA AND DRILLING AND COMPLETION PROCEDURE

FORMATION OR DATE	TOP-DEPTH INTERVAL	REMARKS OR DESCRIPTION AND RESULTS OF WORK
		<p><u>COMPLETE 8/12/71 OIL-Dual</u> TD 4800' PB 4763' Producing from <u>St. Louis</u> top @ 4719', pumping 156 BO & 1.2 BSW w/good show gas PD after trtg w/2000 gals 15% acid, gvty 28.2 @ 60°F allowable 52 BOPD. Producing from <u>Ft. Scott</u> 101 BO, 3 BLW w/show gas PD, top @ 4408' after acidizing w/1000 gals 15% acid, gvty 26.1 @ 60°F, allowable 46 BOPD.</p>

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CONSERVATION DIVISION
Wichita, Kansas

WELL Garden City "B" #2 FIELD Damme Pool AREA Liberal

GEOLOGICAL DATA AND DRILLING AND COMPLETION PROCEDURE

FORMATION OR DATE	TOP-DEPTH INTERVAL	REMARKS OR DESCRIPTION AND RESULTS OF WORK												
		<p>Spd: 7/12/71</p> <p>Drld to 418'</p> <p>Set & cmtd (14 jts) 8-5/8", 24#, 8-R, K-55 new csg @ 417' w/300 sx 50 x 50 Pozmix w/3% CaCl₂.</p> <p>Drld to 4430'</p> <p>DST #1 Ft Scott, 4414-30', open fair blow, open 30 min IFP 198#, FFP 297#, ISIP 756# in 45 min FP 198#, FF 297#, open 1 hr FS 723#, hyd 2263', rec 3000' gas, 250; oil, 680' sli to heavy oil cut w/mud, no water, good strong blow, gvty 29 @ 60°F</p> <p>Core #1 4700-49', rec 35', 4700-18' hard dense gr lime, no show, slight frac, 4718-35' hard dense gr oolitic lime, bleeding oil & gas, some vert frac.</p> <p>Ran Dual Ind Later log 417-4800'</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>T</u></td> <td style="text-align: center;"><u>O</u></td> <td style="text-align: center;"><u>P</u></td> <td style="text-align: center;"><u>S</u></td> </tr> <tr> <td style="text-align: center;">St. Louis</td> <td></td> <td style="text-align: center;">4719'</td> <td></td> </tr> <tr> <td style="text-align: center;">Ft. Scott</td> <td></td> <td style="text-align: center;">4408'</td> <td></td> </tr> </table> <p>Set & cmtd 1812' (151 jts) 5-1/2", 8V, K-55 csg @ 4799' w/DV tool @ 2789', 960' (30 jts) 15.5#, 3852' (125 jts), 14#, cmtd thru shoe w/100 sx 50 x 50 Pozmix, 12-1/2 # Gilsonite, 10% salt, cmt thru DV tool @ 2789' w/100 sx 50 x 50 Pozmix 12-1/2# Gilsonite, 10% salt</p> <p>Drld DV tool @ 2787-89' & cmt 4667-4767', tested csg to 1000#, pld tbg</p> <p>Ran Correlation log from 4300-4763', perf St. Louis 4719-4734' w/2 jets/ft, ran 4687', 2-3/8" tbg w/retrievomatic pkr set @ 4698'</p> <p>SOT 15 BO, 15 BLW/6 hrs, sli show gas.</p> <p>Acidized perfs w/2000 gals 15% acid in 2 stages w/20 ball sealers between stages, swb 96 BO w/show gas & 35 BLW/8 hrs</p> <p>Pld tbg & pkr. Perf Ft. Scott 4415-22' w/2 jets/ft set retriva "D" pkr @ 4690' w/exp plug</p> <p>Ran 2-3/8" tbg w/model "R" double grip pkr set @ 4394', swb 13 BLW w/tr oil, no gas/3 hrs from 4380', swb 2 BO, 2 BLW w/show gas/1 hr.</p> <p>Acidized Ft. Scott w/1000 gals 15% acid, ran 4683' 2-1/16" tbg w/latch type seal assem & paralld anchor @ 4398', pushed out exp. plug set in retrieva "D" pkr @ 4690' set in tension.</p> <p>Ran rods & pump</p>	<u>T</u>	<u>O</u>	<u>P</u>	<u>S</u>	St. Louis		4719'		Ft. Scott		4408'	
<u>T</u>	<u>O</u>	<u>P</u>	<u>S</u>											
St. Louis		4719'												
Ft. Scott		4408'												

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Wichita, Kansas

SCHLUMBERGER

DUAL INDUCTION - LATEROLOG

COUNTY FIELD or LOCATION WELL COMPANY

COMPANY TEXACO, INC. *well file*

WELL GARDEN CITY 'B' #2

FIELD DAMME

COUNTY FINNEY STATE KANSAS

LOCATION C-NW-SW Other Services: FDC-GR.

Sec. 5 Twp. 22 S Rge. 33 W

Permanent Datum: GL, Elev. 2889 Elev.: K.B. 2901
 Log Measured From KB, 12 Ft. Above Perm. Datum D.F. 2899
 Drilling Measured From KB G.L. 2889

Date	<u>JULY, 25, 1971</u>		
Run No.	<u>ONE</u>		
Depth-Driller	<u>4800</u>		
Depth-Logger	<u>4800</u>		
Btm. Log Interval	<u>4794</u>		
Top Log Interval	<u>417</u>		
Casing-Driller	<u>8 5/8 @ 418</u>	@	@
Casing-Logger	<u>417</u>		
Bit Size	<u>7 7/8"</u>		
Type Fluid in Hole	<u>STARCH</u> <u>-OIL</u>		
Dens.	<u>9.5</u>	<u>42</u>	
pH	<u>6.8</u>	<u>12.4 ml</u>	ml
Source of Sample	<u>CIRCULATED</u>		
R _m Meas. Temp.	<u>.294 @ 89 °F</u>	@	°F
R _{mf} Meas. Temp.	<u>.201 @ 66 °F</u>	@	°F
R _{mc} Meas. Temp.	<u>.320 @ 70 °F</u>	@	°F
Source: R _{mf} R _{mc}	<u>M M</u>		
R _m BHT	<u>.20 @ 110 °F</u>	@	°F
Time Since Circ.	<u>2 1/2 HOURS</u>		
Max. Rec. Temp.	<u>110</u>		°F
Equip. Location	<u>4568 LIBERAL</u>		

TIGHT

The well name, location and borehole reference data were furnished by the customer.

ARKS SO # 30166

Changes in Mud Type or Additional Samples	Scale Changes	Scale Down Hole
Sample No. <u>7/25/71</u>	Scale Up Hole	
In-Driller <u>4 BDD</u>	Depth	
Fluid in Hole <u>STARCH</u>	Type Log	
Dens. <u>9.5</u>		
Visc. <u>42</u>		
Fluid Loss <u>6.8</u>		
Fluid Loss <u>12.4 ml</u>		
Source of Sample <u>CIRCULATED</u>	Equipment Data	

Schlumberger

COMPENSATED
FORMATION DENSITY LOG
Gamma-Gamma

Well File
COMPANY TEXACO, INC
WELL GARDEN CITY Co. #2
FIELD DAMME
COUNTY FINNEY STATE KANSAS
Location: C NENW
Other Services: DIL
Sec. 8 Twp. 22S Rge. 33W

COUNTY
FIELD or
LOCATION
WELL
COMPANY

Permanent Datum: GL; Elev.: 2888
Log Measured From KB, 11 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 2899
D.F. 2897
G.L. 2888

Date	<u>6-10-74</u>
Run No.	<u>ONE</u>
Type Log	<u>FDC-GR</u>
Depth—Driller	<u>4800</u>
Depth—Logger	<u>4800</u>
Bottom logged interval	<u>4799</u>
Top logged interval	<u>3300</u>
Type fluid in hole	<u>STARCH</u>
Salinity, PPM Cl.	<u>-</u>
Density	<u>9.5</u>
Level	<u>FULL</u>
Max rec. temp., deg F.	<u>113</u>
Operating rig time	<u>2 HRS</u>
Recorded by	<u>STREETER</u>
Witnessed by	<u>HARRINGTON</u>

TIGHT HOLE

RUN No.	BORE-HOLE RECORD			CASING RECORD			
	Bit	From	To	Size	Wgt.	From	To
<u>1</u>	<u>7 7/8</u>	<u>446</u>	<u>4800</u>	<u>8 5/8</u>	<u>-</u>	<u>GL</u>	<u>446</u>

The well name, location and borehole reference data were furnished by the customer.

EQUIPMENT DATA

No.	PG P-EB	PDH-D	PGH-A	PGS-E	Source No.	SFT-106	SGH -A	Logging Unit	Location
<u>1</u>	<u>48D</u>	<u>221</u>	<u>466</u>	<u>435</u>	<u>2442</u>	<u>103</u>	<u>195</u>	<u>3714</u>	<u>WOODWARD</u>

CALIBRATION DATA

Run No.	Gamma Ray		FDC — Before Log — ACPS		FDC — After Log — ACPS	
	API Scale	Background CPS	Total CPS	P ₁	P ₂	P ₂
<u>1</u>	<u>0-100</u>	<u>120</u>	<u>500</u>	<u>400</u>	<u>960</u>	<u>960</u>

LOGGING DATA

General	Gamma Ray	FDC Selectors
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