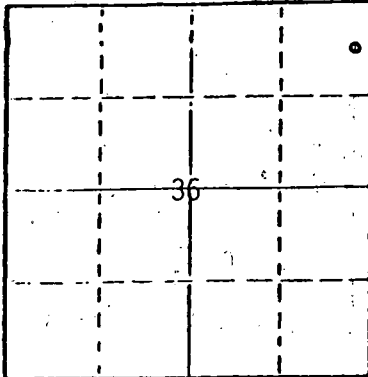


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202



Locate well correctly on above
Section Plot

Pratt County. Sec. 36 Twp. 27S Rge. 11 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
660' FNL & 331' FEL

Lease Owner Getty Oil Company
Lease Name Cunningham "B" Unit Well No. 52
Office Address 2705 Vine, Unit #4, Hays, Kansas 67601
Character of Well (Completed as Oil, Gas or Dry Hole)
Converted to injection

Date Well completed February 19, 1941
Application for plugging filed June 13, 1983
Application for plugging approved June 23, 1983
Plugging commenced November 9, 1983
Plugging completed November 16, 1983

Reason for abandonment of well or producing formation
Additional injection will not increase oil production.
If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Bud Metz
Producing formation Depth to top Bottom Total Depth of Well 3504' PBD
Show depth and thickness of all water, oil and gas formations. #113.89

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Lansing-Kansas City	Water	3443'	3504'	8-5/8	356	None
				5 $\frac{1}{2}$	3469	2015

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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Plugged back w/ 1600# sand to 3390'. Dumped 5 sks. cmt. 3390-50'. Installed control head. Pulled 16" stretch @ 110,000#. Tagged cmt. @ 3350'. Shot csg. @ 2260' & 2000'. Pulled csg. & rec. tot. of 70 jts. of 5 $\frac{1}{2}$ ", 17#, SS, H-40 csg. Rigged up Halliburton. Pumped down 8-5/8" csg. w/ 3 sks. hulls in 10 BW; 15 sks. gel in 26 BW; 50 sks. 60-40 poz. w/ 2% gel & 3% CaCl₂; 10 sks. gel in 18 BW. Released 8-5/8" plug; pumped down 8-5/8" csg. 1 sk. hulls in 4 BW; 150 sks. 60-40 poz. w/ 2% gel & 3% CaCl₂. 8-5/8" surf. csg. standing full of cmt. Welded plate and covered & leveled location. Plugging complete 11-16-83. Operations witnessed by Bud Metz.

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

Name of Plugging Contractor Kelso Casing Pulling

STATE OF Kansas COUNTY OF Ellis, ss.
Frank Renard (employee of owner) or (owner or operator)
of the 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 and that the same are true and correct. So help me, God.

(Signature)

2705 Vine, Unit #4, Hays, Kansas 67601

(Address)

SUBSCRIBED AND BOBBIE SCHIPPERS this 16th day of December, 1983

NOTARY PUBLIC
STATE OF KANSAS
My Appointment Expires:

My commission expires 9-9-84

Notary Public.

RECEIVED
STATE CORPORATION COMMISSION

DEC 19 1983

CONSERVATION DIVISION
Wichita, Kansas

OPERATOR Getty Oil Company

LEASE NAME Cunningham "B" # 52 SEC. 36 TWP. 27S RGE. 11W

FILL IN WELL LOG AS REQUIRED:

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface soil, clay and sand	0	100		
Red bed	100	365	Set and cemented 8-5/8" csg. at 355' w/140 sacks cmt.	
Red bed and shells	365	700		
Shale and shells	700	1035		
Salt	1035	1210		
Shale and shells	1210	1400		
Lime	1400	1580		
Shale and shells	1580	1605		
Shale	1605	1710		
Lime	1710	1795		
Sandy lime	1795	1880		
Lime and shale	1880	1935		
Lime	1935	1995		
Shale and lime	1995	2035		
Lime	2035	2210		
Shale and lime	2210	2600		
Shale	2600	2655		
Lime	2655	2665		
Shale	2665	2680		
Lime	2680	2720		
Shale	2720	2740		
Shale and lime	2740	2765		
Shale	2765	2820		
Lime	2820	2835		
Broken lime	2835	2895		
Shale and lime shells	2895	2930		
Shale and lime	2930	3085		
Lime	3085	3205		
Lime and shells	3205	3355		
Shale	3355	3400		
Dark grey shale	3400	3420		
Brown lime	3420	3424		
Grey crystalline lime	3424	3445	Set and cemented 5-1/2" csg. at 3443' w/325 sacks of cmt.	
SLM Correction	3445	3444		
Brown and grey crystalline lime	3444	3453		
Grey crystalline lime	3453	3481		
Light grey crystalline lime	3481	3491		
Grey crystalline lime	3491	3500		
Grey lime	3500	3504		

Total Depth 3504'

Treated well w/7000 gallons of Morgan Acid between 3443' and 3504'.

Flowed well for 8 hours, 264 BO and 47-1/2" BW.

24-hour SCC potential of 792 BO. Completed February 21, 1941.

September 24, 1969, converted to injection well.

RECEIVED
STATE CORPORATION COMMISSION

JUN 5 1983

CONSERVATION DIVISION
Wichita, Kansas

Getty Oil Company

Central E & P DIVISION Production DEPARTMENT

AFE NO.	
DATE	May 31, 1983
DIST/AREA	31-41
PROPERTY NO.	763040-00
PPR NO.	
CLASS CODE	
CAPITAL	\$
OPERATING	\$
OTHER	\$ 7,260

Authority is requested for the Estimated Expenditure of \$ 7,260 on the
 Cunningham "B" Unit (Lease) (Plant) (System)
 Which is Located Cunningham Field NE/4 of Sec. 36-275-11W
 Pratt County, Kansas
 Description of Job is Plug and Abandon - Well No. 52

AC- TION	AFE TYPE	AFE NO.	CHANGE TYPE	DATE		AMOUNT	BUDGET CONTROL							OPER.	PROPERTY
				MO.	YR.		DIST.	AREA	PROG.	SUB-PROG.	PROJ.	YEAR	CLASS		

DESCRIPTION

DETAIL OF EXPENDITURES

NEW
OR
S. H.

CASH REQUIREMENTS

LABOR AND
DEV. EXPENSE

EQUIPMENT TO
BE PURCHASED

EQUIPMENT
ON HAND

TOTAL

Casing pulling services
 Cement services
 Kansas Plugging Assessment
 Outside labor and trucking
 10% Contingencies

\$ 2,600
 2,800
 200
 1,000
 660

\$ 7,260

\$ 7,260

Net Book Value
 Leasehold
 Equipment
 Development
 Retirement Expense

0
 16,223
 38,800
 7,260 \$ 62,283

Estimated salvage value
 Reserve for Depletion
 Reserve for Depreciation

2,500
 0
 59,783 62,283

Net P & L

0

Remarks:

The Cunningham "B" Unit Well No. 52 was originally completed February 21, 1941, in the Lansing. The initial potential was 792 BOPD and 500 MCFPD. Cumulative production is 123,186 BO, 275,057 BW, and 33,413 MCF. This well was converted to an injection well September 24, 1969. Last injection into subject well was January, 1973. Cumulative injection is 413,913 BW. Well #52 offsets one (1) plugged injector, one (1) shut-in injector, one (1) plugged producer and one (1) active producer with a water-oil-ratio of 100. Additional injection into this well will not increase oil production significantly. No other zones are worthy of testing. It is recommended to plug and abandon the subject well.

Submitted by Frank Renard 6-13-83
 Frank Renard, Area Superintendent
 Recommended by: _____
 District Production Manager

BDR/KRW:mc

APPROVED: _____

Accounting Data Approved _____

DATE _____

TW-4-1-D

CUNNINGHAM FIELD, PRATT CO., KANSAS

DF 1682'

5/8" 28" Csg. set at 355'
cemented w/140 sk.

2/41: Drilled to TD of 3504'. Acidized
with 7000 gal. Morgan acid and 50
BO. Max cp - 850'; ORIN - 200'.
Initial potential - 792 BO. 1570 water
Gas volume estimated at 1500 MCF.

6/56: Acidized 3443'-3504' with 2500 gal.
Dowell etching acid and 70 BO.
Well on VOC.

Production Before: 5 BO. 6 BW
Production After: 12 BO 18 BW

5/66 WELL SI. PROD 380 + 97 B WPD

9/69: Converted well to water injection.
Used 50 Bbls fresh water treated
with 6 gals. Tretolite WF-1 scale
and corrosion chemical.

24 hr. injection test - 1320 BW,
through casing 3444' - 3504'.

1/73: Lost injection into well. NIO

2", 17" Csg. set at 3443'
cemented w/225 sk.

Leaving open hole 3444'-3504'

TD 3504'

Kw 8/10/81