

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

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

15-097 20 398-0000

API NUMBER 6/30/77

LEASE NAME HARDY "B"

WELL NUMBER 2

330 Ft. from S Section Line

2270 Ft. from E Section Line

SEC. 23 TWP. 28 RGE. 18 (E) or (W)

COUNTY KIOWA

Date Well Completed 06/30/77

Plugging Commenced 05/01/87

Plugging Completed 05/03/87

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

LEASE OPERATOR CHEVRON U.S.A. INC.

ADDRESS P.O. BOX 12116, OKLAHOMA CITY, OK 73157

PHONE (405) 949-7000 OPERATORS LICENSE NO. 4519

Character of Well GAS

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

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? YES

Which KCC/KDHE Joint Office did you notify? DIST #1

Is ACO-1 filed? NO RECORD If not, is well log attached? YES

Producing Formation LANSING-KANSAS Depth to Top 4843' Bottom 4850' T.D. 4850'

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

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
LANSING-KANSAS	GAS	4843'	4850'	8-5/8"	402'	-0-
				5-1/2"	4843'	-0-

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.

SEE ATTACHED SHEET

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

Name of Plugging Contractor N/A License No. _____

Address _____

STATE OF OKLAHOMA COUNTY OF OKLAHOMA, ss.

MICHAEL MCCARTHY (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) Michael McCarthy

(Address) P.O. BOX OKLAHOMA CITY, OK 73157

SUBSCRIBED AND SWORN TO before me this 19TH day of MAY, 19 87

RECEIVED
STATE CORPORATION COMMISSION
Notary Public

My Commission Expires: 9-16-89

MAY 20 1987 5-20-87

15-097-20398-0000

P&A Report on Hardy "B" 2

5/1/87

MIRU WSU, POOH w/tbg, RIH & set cmt ret @ 4798', SDFN.

5/2/87

Squeeze 25 sx Cl "A" cmt below cmt ret, spot 5 sx cmt on top of same. POOH to 4700', test csg to 500#, ok, circ hole with 9.0 ppg FW mud. POOH. Perf 5 1/2" csg from 1650-51', Pmp 290 sx Cl "A" cmt dn 5 1/2" csg, 100 sx thru perfs & 190 sx in csg. Hook up to 8 5/8" X 5 1/2" annulus, pmp 25 sx cmt obtained returns outside 8 5/8" csg. Hook up to 5 1/2" csg, pmp 65 sx Cl "A" cmt dn 5 1/2" csg in attempt to obtain returns to surface, displaced cmt dn to 1450' with water, no cmt returns to surface, SION.

5/3/87

Perf 5 1/2" csg f/450-51', Pmp 140 sx Cl "A" cmt dn 5 1/2" csg, circ cmt to surface. Cut off csg, cap & ID well.

RECEIVED
STATE CORPORATION COMMISSION

MAY 20 1987

CONSERVATION DIVISION
Wichita, Kansas

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

15-097-20398-0000

Hardy "B" #2
330' FSL & 2270' FEL 3&E 23-285-18W
Kiowa County Kansas

Commenced: 6-16-77

Completed: 6-30-77

Operator: LEWIS & CLARK CO.

FROM	Depth to	Formation	Remarks
0	35	Top Soil - Clay	
35	407	Sand-Shale	Ran 10 jts of 200 # 3/8" cog set @ 402' Cemented 2/
407	1623	Shale-Redbed	165 sbs Howcolite 3% CC + 100 sbs Common 3% CC
1623	1845	Anhy	PD @ 12:10 a.m. 6-17-77
1845	2000	Shale-Sand	
2000	2220	Shale	
2220	2600	Shale-Lime	
2600	2825	Lime-Shale	
2825	3235	Shale-Lime	Ran 154 jts of 14# 5/8" cog set @ 4839' Cemented w/
3235	3430	Lime-Shale	150 sbs 50/50 Formix 3/4 of 1% CFR-2 - 18% Salt 5#
3430	3770	Shale-Lime	Gilsonite per sack + 10 lbs salt Flush ahead of cement w/2 sbs Gel
3770	3940	Lime-Shale	
3940	4850	Lime	PD @ 1:00 p.m. 6-30-77

4850 - TD

STATE OF KANSAS)
) SS
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.

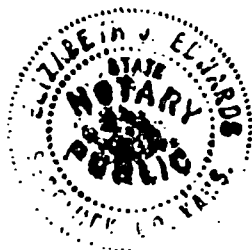
GABBERT-JONES, INC.

James S. Sutton II
JAMES S. SUTTON II

Subscribed and sworn to before me this 8th day of July, 1977.

Elizabeth J. Edwards
ELIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1979.



RECEIVED
STATE CORPORATION COMMISSION

MAY 20 1987

CONSERVATION DIVISION
Wichita, Kansas

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

15-097-20398-0000

Hardy "B" #2
330' PSL & 2270' FEL 322 23-285-18W
Kiowa County Kansas

Commenced: 8-16-77

Completed: 8-30-77

OPERATOR: LEWANER OIL CO.

Depth FROM	to	Formation	Remarks
0	39	Top Soil - Clay	
35	407	Sand-Shale	Ran 10 jts of 200 @ 3/8" cog set @ 402' Cemented 2/
407	1623	Shale-Redbed	165 sks Howcolite 3% CC
1623	1845	Anhy	+ 100 sks Common 3% CC
1645	2000	Shale-Sand	PD @ 12:10 a.m. 6-17-77
2000	2220	Shale	
2220	2600	Shale-Lime	
2600	2825	Lime-Shale	
2825	3235	Shale-Lime	Ran 154 jts of 140 5/8" cog set @ 4839' Cemented w/
3235	3430	Lime-Shale	150 sks 50/50 Pomix 3/4 of 1% CFR-2 - 10% Salt 50
3430	3770	Shale-Lime	Gilscate per sack + 10 bbls salt Flush ahead of cement w/2 sks Gel
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3940	4850	Lime	
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MAR 26 1987