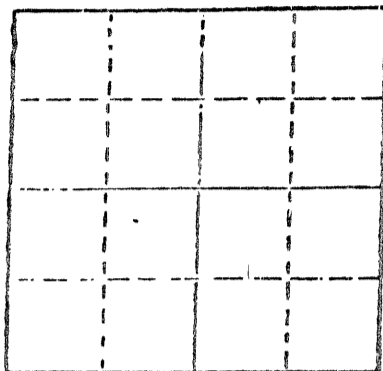


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Graham County. Sec. 27 Twp. 9S Rge. 22 E/W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines
E/2 E/2 NW
Lease Owner Energy Reserves Group, Ins.
Lease Name Moore Well No. 2
Office Address 925 Patton Road, Great Bend, KS 67530
Character of Well (Completed as Oil, Gas or Dry Hole)
Dry Hole
Date Well completed 7-31-1981
Application for plugging filed 7-31-1981
Application for plugging approved 7-31-1981
Plugging commenced 7-31-1981
Plugging completed 7-31-1981
Reason for abandonment of well or producing formation
Dry Hole



Locate well correctly on above
Section Plat

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 Gil Balthazor
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____
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
				8-5/8"	209'	-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 for each plug set.

Mud laden fluid 4002' - 1000'
60 sks cement @ 1000'
30 sks cement @ 220'
10 sks cement @ 40'
5 sks cement in rat hole.

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8/5/81
AUG 5 1981

CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Emphasis Oil Operations

STATE OF KANSAS COUNTY OF RUSSELL, ss.
Joe K. Branum (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) Joe K. Branum
P. O. Box 506, Russell, KS 67665
(Address)

SUBSCRIBED AND SWORN TO before me this 4th day of August, 19 81.

Glenda R. Tiffin
Glenda R. Tiffin Notary Public.

My commission expires February 6, 1984.



15-065-21447-00-00

EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Energy Reserves Group, Inc.
925 Patton Road
Great Bend, Kansas 67530

CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665

LEASE: Moore WELL: #2

LOCATION: E/2 E/2 NW
Section 27-9S-22W
Graham County, Kansas

Total Depth: 4002'

Elevation:

Commenced: 7-21-81

Completed: 7-31-81

Casing: 8-5/8" @ 209' with 150 sks cement

Status: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	30'	Lime	3711'
Sand & Clay	406'	Lime & Shale	3717'
Sand & Shale	1880'	Lime	3764'
Anhydrite	1917'	Lime & Shale	3935'
Shale & Lime	3661'	Lime (R.T.D.)	4002'

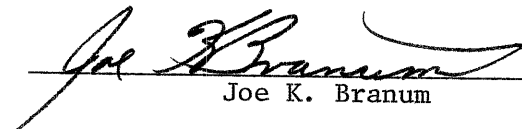
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AUG 5 1981

CONSERVATION DIVISION
Wichita Kansas

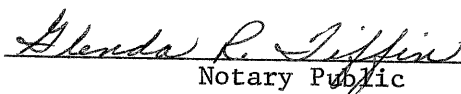
STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

I, Joe K. Branum, of Emphasis Oil Operations, state that the above and foregoing is a true and correct log of the above captioned well.


Joe K. Branum

Subscribed and sworn to before me this 4th day of August, 1981.
My Commission Expires: February 6, 1984.




Notary Public

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 27 T. 9S R. 22W E
Loc. C E/2 E/2 NW/4

API No. 15 — 065 — 21,447 - 00-00
County Number

County Graham

Operator Energy Reserves Group

Address 925 Patton Road Great Bend, Ks 67530

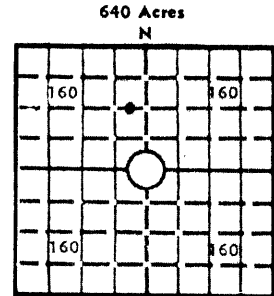
Well No. #2 Lease Name Moore

Footage Location 1320 feet from (N) line 330 feet from (E) line

Principal Contractor Emphasis Oil Oper. Rig #5 Geologist Gerald Wehrli

Spud Date 7/21/81 Date Completed 7/30/81 Total Depth 4000 P.B.T.D. LTD/RTD 4002/4000

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. 2379
DF 2381 KB 2384

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	20	209	50/50 poz	150	2 gel, 3 cc, 1/4# flocele/sk

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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OCT 2 1981

INITIAL PRODUCTION

CONSERVATION DIVISION Wichita, Kansas

Date of first production P&A Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS Oil Gas Water Gas-oil ratio

Disposition of gas (vented, used on lease or sold) Producing interval (s)

RECEIVED

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be trans-
mitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation
Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note
Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

SEP 30 1981 EXPLORATION

Operator Energy Reserves Group DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. #2 Lease Name Moore Dry Hole

S 27 T 9S R 22W E W

WELL LOG

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.

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

FORMATION DESCRIPTION, CONTENTS, ETC. TOP BOTTOM NAME DEPTH

DST #1
30-60-60-120
IHP 2034
IF 36-72
IC 880
FF 72-126
FC 880
FHP 1798
Rec: 220' muddy water

3686

3717

LOG TOPS:
Anhydrite 1881 + 503
Base Andydrite 1917 + 467
Topeka 3342 - 958
Heebner 3572 -1188
Toronto 3602 -1218
Lansing 3614 -1230
Base Kansas City 3842 -1458
Marmington 3874 -1490
Conglomerate 3906 -1522
Arbuckle*
LTD/RTD 4002/4000
TD 4000

DST #2
30-60-60-120
IHP 1997
IF 45-63
IC 288
FF 63-72
FC 288
FHP 1997
Rec: 50' mud

3730

3808

Note: Arbuckle not present

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OCT 2 1981
CONSERVATION DIVISION
Wichita Kansas

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

John D. Muller
Signature

Kansas Dist Geol
Title

10-1-81

Date