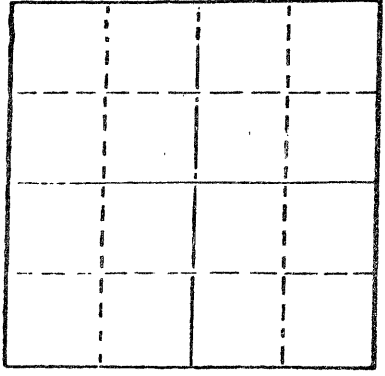


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Rawlins County. Sec. 22 Twp. 1S Rge. 32W E/W
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines
C SW SE



Locate well correctly on above
Section Plat

Lease Owner Associates Oil & Gas Inc.
Lease Name PETTERA Well No. 1
Office Address Suite 501, 120 Bldg., Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole

Date Well completed 10-13-80 19
Application for plugging filed 10-13-80 19
Application for plugging approved 10-13-80 19
Plugging commenced 10-13-80 19
Plugging completed 10-13-80 19
Reason for abandonment of well or producing formation Dry Hole

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 Gilbert Balthazor, Palco, KS
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4150'

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"	286'	none

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.

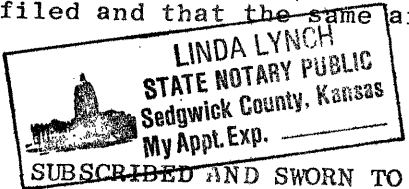
- 1st plug @ 1700' w/70 sx.
- 2nd plug @ 260' w/30 sx.
- 3rd plug @ 40' w/10 sx.
- 5 sx. in the rat hole

RECEIVED
STATE CORPORATION COMMISSION
NOV - 6 1980
11-6-1980
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Murfin Drilling Company

STATE OF KANSAS COUNTY OF SEDGWICK, ss.

David L. Murfin, Drlg. Mgr. of Murfin Drlg. Co. (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) [Signature]
617 Union Center Bldg., Wichita, KS 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 30th day of October, 19 80

My commission expires May 21, 1983
Linda Lynch Notary Public.

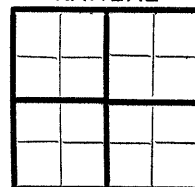
WELL LOG

15-153-20384-00-00

COMPANY Associates Oil & Gas Inc.
FARM PETTERA NO. 1
RIG. NO. 20
TOTAL DEPTH 4150'
COMM. 10-7-80 COMP. 10-13-80
CONTRACTOR Murfin Drilling Company

SEC. 22 T. 1S R. 32W
LOC. C SW SE

COUNTY Rawlins
KANSAS



CASING
20 10
15 8 -5/8" csg. set @ 286' w/190 sx.
12 6
13 5

ELEVATION
PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

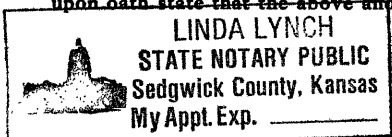
250' Sand & Clay
924' Shale
2020' Sand & Shale
2530' Shale & Sand
2638' Shale
2780' ANHYDRITE
2950' Shale
3100' Shale & Sand & Lime
3730' Lime & Shale
3857' Shale & Sand & Lime
4088' Lime & Shale
4150' Shale & Sand & Line

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STATE CORPORATION COMMISSION
NOV - 6 1980
11-6-1980
CONSERVATION DIVISION
Wichita, Kansas

State of KANSAS
County of SEDGWICK } ss:

I, David L. Murfin, Drig. Mgr. of the MURFIN DRILLING Company

upon oath state that the above and foregoing is a true and correct copy of the log of the PETTERA #1 well.



David L. Murfin
David L. Murfin, Drig. Mgr.

Subscribed and sworn to before me this 30th day of October 1980

My Commission Expires: May 21, 1983

Linda Lynch
Linda Lynch NOTARY PUBLIC