

JAN 18 1969

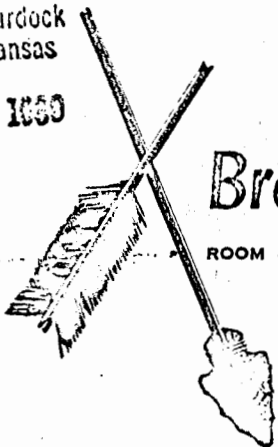
15-163-20153

SEC. 19-T. 7S-R. 19W

19-7-19W

Broken Arrow Drilling Company

ROOM 409 PETROLEUM BUILDING • TULSA, OKLAHOMA 74103 • AC 918-582-1181



DRILLER'S LOG

COMPANY: National Associated Petroleum Co
Petroleum Building

FARM: COLLINS HEIRS NO. 1

TOTAL DEPTH 3457'

COML: 11-9-68 GENL: 11-16-68

CONTRACTOR: Broken Arrow Drilling Company
Petroleum Building
Tulsa, Oklahoma

SEC. 19 TWP. 7 RGE. 19W

LOCATION: NE NW NW

COUNTY: ROOKS

ELEVATION 2000'

PRODUCTION: OIL WELL

CASING RECORD: 206' - New 8-5/8"

CEMENT RECORD: 115 sacks cement; 200# AC;
200# CC

0'	-	40'	Soil
40'	-	807'	Shale
807'	-	900'	Sand
900'	-	1035'	Shale
1035'	-	1260'	Sand
1260'	-	1528'	Shale
1528'	-	1545'	Anhydrite
1545'	-	2235'	Lime
2235'	-	3175'	Lime & Shale
3175'	-	3457'	Lime w/Sand Stringers
T.D.	-	3457'	

We hereby certify that the above is a true copy of the Driller's Log for the above described well.

BROKEN ARROW DRILLING COMPANY

By:

Jack Roberts
JACK ROBERTS