P-W

ARKLA EXPLORATION NO. 27 NMA
NW/NW Sec 6-T16N-R25E, Apache 1-17

4

County Apache

Area

Lease No.

Well Name ARKLA EXPLORATION No. 27 NMA

Location NW/NW Sec 6 Twp 16N Range 25E Footage 660' FNL 715' FWL

Elev 5689 ~~KB~~ 5681 GL ~~KB~~ from Arkla records Spud Date Completed Abandon 2-10-65 Total Depth 1560

Contractor

Drilled by Rotary
Cable Tool

Casing Size	Depth	Cement

Production Horizon

Initial Production

REMARKS

Elec Logs Gamma Ray Log

Applic. to Plug Plugging Record Completion Report

Sample Log
Sample Descript.
Sample Set
Core Analysis
DSTs

Water well accepted by

Bond Co. & No.

Bond Am't $ Cancelled Date Organization Report

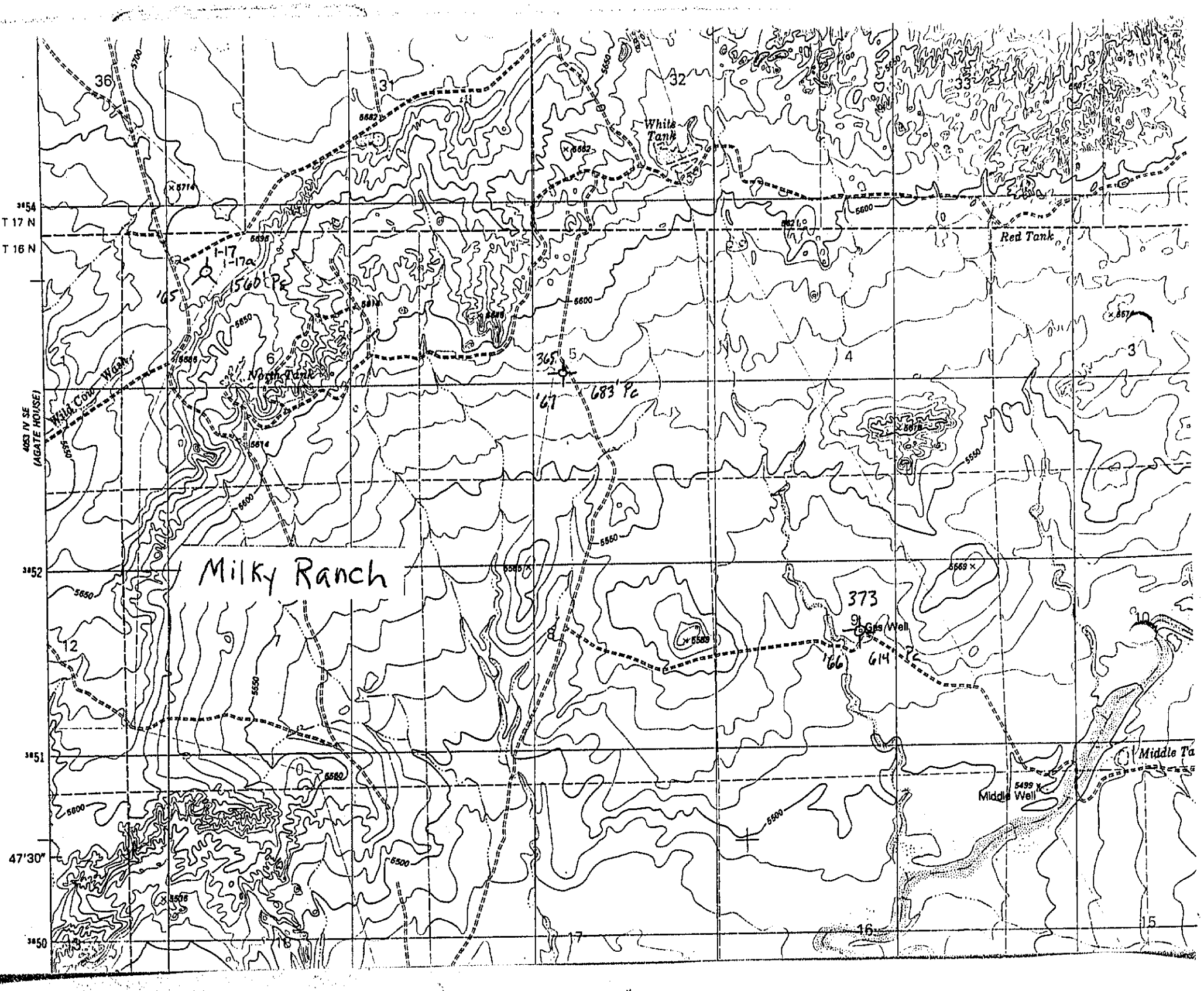
Filing Receipt Dated Well Book Plat Book

Loc. Plat Dedication

API No. 02-001-00072

Permit Number Date Issued

File No 1-17


Milky Ranch
White Tank
Red Tank
North Tank
Wild Cow Wash
Gas Well
Middle Well
Middle Ta
T 17 N
T 16 N
4053 IV SE
(AGATE HOUSE)
47'30"
1-17
1-17a
1560' Pc
683' Pc
373
614
36
31
32
33
6
5
4
3
12
10
15
16
17

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LITHOLOGIC DESCRIPTION

DO NOT REMOVE FROM FILE

WELL NAME: ARKLA EXPLORATION COMPANY CORE TEST #27

LOCATION:

ELEVATION:

0-10'	60% VF SL MICAC GRA GRA BR SLTY SD 40% GRA & CHOC SLTSTN.
10-20'	80% VLT GRA SH, 20% VLT GRA SLTY SD TR VF BR SLTY SD.
20-30'	80% AA, AA, AA, TRPURP SL 20% AA, AA, AA, AA, TRC CHERT.
30-40'	50% AA, AA, LT BRN SH 50% AA, AA, AA, AA, AA.
40-50'	80% AA, AA, TR BR SH, 20% BR VF SLTY SD, TRC CHERT.
50-60'	60% AA, AA, & BR SH, 40% BR AA, AA, AA, & GRA SLTY SD.
60-70'	90% AA, AA, & AA, AA, 10% AA, AA, AA, AA, & AA, AA, AA, TRC CHERT.
70-80'	90% AA, AA, AA, AA, 10% AA, AA, AA, AA.
80-90'	100% PURP BR SH, TRC CHERT.
90-00'	100% AA, AA, AA.
100-10'	100% BR, LT GRA & MOTTLED PURP & LT GRA TR GRN.
10-20'	100% AA, AA, SH AA, AA.
20-30'	100% PURP BR & VL & GRA SH AA, AA. TRC CHERT.
30-40'	90% AA, AA, SH 10% CSE UNCON. SD.
40-50'	100% AA, AA, SH.
50-60'	100% LT GRA & PURP GRA SH.
60-70'	100% AA, AA, SH.
70-80'	100% PURP & BUFF SH TRLS.
80-90'	100% AA, AA, SH TRLS.
90-00'	100% BUFF PURP SH TR SD.
200-10'	100% PURP BUFF SH AA.
10-20'	100% GRA PURP GRAY SH.
20-30'	100% AA, AA, AA, TRLS.
30-40'	100% AA, AA, AA, AA,
40-50'	100% AA, AA, AA.

50-60'	70% AA, 30% DK RED SLT ST.
60-70'	90% PURP GRA PURP RED SH 10% SH CGL.
70-80'	100% LT PURP GRA SH.
80-90'	100% AA, AA, AA, AA.
90-00'	100% GRA AA.
300-10'	90% PURP GRA AA, 10% WH CGL.
10-20'	100% AA, TR PURP RED.
20-30'	70% AA, 30% PURP SH LY SD TO SDY MICA SH.
30-40'	100% LT GRA F MICA V BENTONITIC.
40-50'	40% WHT & GRA M CGL 60% PURP SH.
50-60'	100% PBRP GRA RED SH.
60-70'	80% UNCON M CSE CGL SD 20% GRA SH.
70-80'	80% GRA PURP RED SH 20% SD.
80-90'	100% BUFF & RED MOTTLED & VEIND SH.
90-00'	80% VF RED SLTY SD 20% RED SH.
400-10'	80% AA, AA, AA,
10-20'	90% DK PURP RED SH SD CGL WHT CGL MCSE 10% SH.
20-30'	80% AA, AA, AA, AA, AA, 20% SH.
30-40'	80% VCOL MCSE SD & SLT CGL AA, AA, 20% AA.
40-50'	90% MCSE CSE UNCON CGL SOME SH & SD CGL.
50-60'	30% AA, AA, AA, AA, 70% RED & GRA SH & SLT.
60-70'	30% AA, AA, AA, AA, 70% RED SLTST GRA SH.
70-80'	80% AA, AA, AA, AA, 20% AA, AA, AA.
80-90'	100% AA, AA, AA, AA.
90-00'	100% AA, AA, AA, AA.
500-10'	80% AA, AA, AA, AA, 20% V COL SH & SLT.
10-20'	20% AA, AA, AA, AA, 70% GRA & RED SLTY SD SDY SLT & SD.
20-30'	40% MCSE CSE UNCON CGL 60% V COL SH & SLT STN SH CGL.
30-40'	100% GRA PURP RED SHL & SLT STN.

40-50'	40% GRN F SLTY & RED SLT ST N TO SLTY SD 60% RED SH & SLT.
50-60'	60% AA, AA, AA, AA, AA, 40% AA, AA.
60-70'	50% LT GRN F VF SD & 40% RED SLTST & SH 10% MCSC UNCON CGL.
70-80'	30% AA, AA, 70% RED SH & SLT.
80-90'	10% AA, AA, 20% UN COL CGL 70% RED SH & SLT.
90-00'	10% AA, AA, 90% AA, AA.
600-10'	100% GRA PURP GRA RED SH
10-20'	100% AA, AA, AA.
20-30'	70% AA, AA, 30% RED VF MICAC SLTY SD.
30-40'	70% AA, AA, RED SH 30% AA, GRN WHT VF M.
40-50'	80% AA, AA, AA, 20% AA, AA, AA.
50-55'	90% AA, AA, 10% AA, AA, AA.
55-60'	100% AA, AA, AA, TR SELENITE.
60-65'	90% AA, AA, AA, 10% LT BR DOLO.
65-70'	90% AA, AA, AA, 10% AA, AA.
70-75'	80% GRA RED SH 20% RED M GRA F SD.
75-80'	90% AA, AA, 10% AA.
80-85'	100% AA, AA.
85-90'	90% AA, AA, 10% RED VF SLTY SD.
90-95'	70% AA, AA, 30% AA, AA, AA, AA.
95-00'	40% AA, AA, 60% AA, AA, AA, AA.
700-05'	50% AA, 50% AA, AA, AA, AA.
05-10'	30% AA, AA, 70% AA, VF-F AA, AA.
10-15'	20% AA, AA, 80% AA, LT RED VF-F SLTY SD.
15-20'	10% AA, AA, 90% AA, AA, AA, AA, AA, AA.
20-25'	LOST CIRCULATION 100% AA, AA, AA, AA, AA. Top Coconino 721'
25-30'	100% VLT BR TO WHT M HD SD O-LO.
730-930'	AA, AA, AA, AA, AA, AA, AA, AA,
30-40'	100% WHT VLT BR M-F SD O SUB O.
40-50'	100% AA, AA.

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NMAL #27

50-60'	80% AA, AA, 20% VLT RED BR F.
60-70'	70% AA, AA, 30% AA, AA.
70-80'	60% AA, 40% AA, AA.
80-90'	40% AA, 60% LT BR RED BR RED SLT STN.
90-00'	50% AA, 50% AA, TR AA.
1000-10'	40% AA, 60% AA.
10-20'	30% AA, 70% AA, TR AA.
20-30'	30% AA, 70% AA, TR AA.
30-40'	20% AA, 80% AA.
40-50'	70% VLT BR TO RED BR RED.
50-60'	70% LT BR RED BR TR RED SLT.
LOST CIRC. 60-70'	80%
70-80'	100% LT RED BR MF, RED F SLTY.
80-85'	100% RED GR MF AA, AA, AA.
85-90'	100% AA, AA, AA, AA, AA.
90-95'	100% AA, AA, AA, AA, AA.
95-00'	60% AA, AA, 40% DK RED SLT STN.
1100-05'	80% LT RED BR F, 20% AA, AA, AA.
05-10'	70% AA, AA, WHT 30% RED BR F & DK RED SLT.
10-15'	70% AA, AA, AA, 30% AA, TR AA, AA.
15-20'	70% LT RED BR RED BR TRLS 30% AA, DK RED SLT.
20-25'	70% AA, AA, TRLS 30% TR GYP AA.
25-30'	100% RED SLT.
30-35'	100% WHT CH LKY TO GRA DNS.
35-40'	100% AA, AA, AA.
40-42'	START CORING.
CORE #1 1142-1195	1142-47½ ANHY GRY DNSE; 47½-48 ANHY W/SH INCL; 48-53 SH RED SLTY W/GREEN FLECKS OF SH SCATTERED ANHY INCLS; 53-57 SH RED SLTY (10% ANHY (BANDS); 57-57½ BANDED ANHY RED & GRAY; 57½-59 RED SHALE; 59-60½ ANHY RED AND GRAY; 60½-62½ RED SHALE 80% 20% ANHY (INCLS); 62½-74 ANHY GRAY; 74-75 RED SHALE W/SALT FILLED FRACTURES; 75-76½

RED SHALE W/ANHY BANDS; 76½-89 90% WHITE TO PINK SALT W/10% RED SHALE IMPURITY; 89-90 GRAY ANHY W/SALT INCLS; 90-93½ PINK SALT; 93½-95 90% WHT TO PINK SALT W/10% RED SHALE IMPURITY.

CORE #2
1195-1247

1195-1200 WHT PINK & ORANGE SALT TR ANHY INCLS; 1200-05 WHT SALT (10% RED SH IMPURITY & LYE GRN SALT BLEBS); 05-07 70% WHT SALT 30% RED SH W/SCATTERED GRN SLT INCLS; 07-13½ 90% WHT SALT W/10% RED SH SCATTERED GRN SLT INCLS & SCATTERED ANHY INCLS; 13½-21½ GRAY ANHY; 21½-23½ 95% PINK & WHT SALT W/5% IMPURITIES TR ANHY BANDS; 23½-26 80% RED SH 20% SALT; 26-31 90% SALT 10% RED SH IMPURITIES; 31-34 PINK & WHT SALT; 34-35 90% PINK & WHT SALT W/10% RED SH IMP; 35-39' WHT W/REDDISH BLEBS SALT; 39-43 80% RED SLTY SH 20% SALT; 43-47 90% SALT W/10% RED SLTY SH.

CORE #3
1247-1299

1247-49 90% RED SH 10% SALT; 49-52 90% SALT 10% SHALE W/SCATTERED ANSH STR; 52-55 SALT WHT W/ ORANGE BLEBS; 55-57 90% SALT 10% SHALE W/ORANGE BLEBS; 57-59 WHT SALT W/ORANGE BLEBS & ANHY; 59-63 80% RED SH 20% SALT; 63-68 90% WHT SALT 10% RED SH W/ANY IN FRACTURES; 68-73 WHT SALT W/ORANGE SALT BLEBS SCATTERED INCLS ANHY; 73-80 80% SALT 20% RED SH; 80-89½ 95% SALT 5% RED SH. 89½-92½ WHT SALT; 92½93 80% RED & GRN SH 20% SALT; 93-99 90% WHT SALT 10% RED SH.

1299-1310' 100% CLEAR WHT SALT.

10-20' 100% AA, AA, AA.

20-30' 100% AA, AA, AA.

30-40' 90% AA, AA, AA, 10% RED SH.

40-50' 20% AA, AA, AA, 80% RED SLT STN.

50-60' 90% AA, AA, AA, 10% AA, AA, AA.

60-70' 80% AA, AA, AA, 20% AA, AA.

70-80' 100% AA, AA, AA, TRC ANHY.

80-90' 90% AA, AA, AA, 10% RED SLT STN.

90-00' 60% AA, AA, AA, 40% AA, AA, AA.

1400-10' 40% AA, AA, AA, 60% AA, AA, TRC ANHY.

10-20' 80% AA, AA, AA, 10% RED SLT 10% ANHY.

20-30' 70% AA, AA, AA, 10% AA, AA, 20% AA.

30-40' 80% AA, AA, AA, 20% AA,AA.

40-50' 80% AA, AA, AA, 10% AA, AA, 10% ANHY.

50-60' 80% AA, AA, AA, 20% ANHY.

60-70' 100% CLEAR WHIT SALT.

70-80'	100% AA, AA, AA.
80-90'	90% AA, AA, AA, 10% ANHY.
90-00'	50% AA, AA, AA, 20% AA, 30% RED SLT.
1500-10'	40% AA, AA, AA, 30% AA, 30% AA, AA.
10-20'	50% AA, AA, AA, 50% ANHY.
20-30'	50% ANHY 50% BR DK BR DNS DOLO.
30-40'	50% BR DK BR DNS DOLO 50% BLU GRA DOLOMITIC SLT.
40-50'	50% CLEAR SALT 25% BLUE GRA SLT 25% RED SLT.
50-60'	100% AA, AA.

TOTAL DEPTH

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DETAILED CORE DESCRIPTION

WELL NAME: #27 NMA

LOCATION:

ELEVATION:

DO NOT REMOVE FROM FILE

1142-43'-1'-	ANHY GRY DNSE-MINUTE HAIRLINE FRACTURES, INCL W/XYLN STRUCTURE.
43-44'-1'-	SAME.
44-45'-1'-	SAME.
45-46'-1'-	ANHY GRY DNSE HAIRLINE FRACS. 1/16" DRK BRN F XYLN DOLOMITIC ANHY LAMINATIONS.
46-46'8"-8"-	ANHY AA, AA, AA, XYLN INPT-BLEBS OF WH POWDERY GYP THROUGHOUT.
46'8"-47-4"-	AA, GRY DNSE 60%, (40% DOLO BRN SUGARY, SLTY W/CROSS HATCHED HAIRLING FRACS FILLED W/ANHY.
47-47'2"-2"-	SAME w/30% DOLO AS ABOVE.
47'2"-47'5"-3"-	50% ANHY & DOLO AS ABOVE W/INC. IN DOLO-50%-COMBINATION-RED ANHY & GREEN & RED SILTY SH.
47'5"-47'8"-3"-	SLT ST GREEN W/SCATTERED RED ANHY INCL.
47'8'-48'-4"-	SH 90% RED SOFT, STREAK OF GRY DNSE ANHY & SLTST GREEN INTERGRATED.
48'-48'3"3"-	SLT ST GREEN & SH RED INTERMIXED W/TRACE OF ANHY INCL.
48'3"-49'-9"-	SHALE, RED, SILTY-SPECKS OF GREEN SLT ST-HAIRLING FRACS,
49-50'-1'-	SHALE, RED, SILTY, FLECKED W/GREEN SLTST BLOBS, HAIRLINE FRACS, SCATTERED GYP INCL.
50-53'2"-3'2"-	SH RED SILTY, DESCRIPTION AS ABOVE.
53'2"-57'-3'10"-	SH RED SILTY, FLECKED W/GREEN SLTST BOLBS SCATTERED ANHY INCL (1-1½" ANHY, GREY BANDS @1154,1155.
57-57'6"-6"-	ANHY PK-ORG XYLN.
57'6"-58'8"-14"-	SH RED SILTY.
58'8"-60'-16"-	ANHY GRY DNSE SUGARY IN APPEARENCE.
60-60'6"-6"-	ANHY ORANGE RED GRY INTERMIXED W/10% SH RED, BLOBS OF GREEN SLTST SLT DOLO.
60'6"-62'3"-1'9"-	SH RED SLTY INPT, SCATTERED GREEN BLOBS, SCATT ANHY INCL.
62'3"-72'10"-10'7"-	ANHY DRK GRY DNSE (PEPPER & SALT APPEARENCE EXTERIOR) NODOLES OF GYP INTERIOR HAS BRN SCATTERED STN APPEARENCE INDICATING POSSIBLE SECONDARY DOLOMITIZATION OBLIQUE VERTICAL FRACS 1/32" W/GYP FILL.
72'10"-73'8"-11"-	ANHY DOLO GRY DNSE.
73'8"-74-4"-	DOL, BROWNISH GRY AA F XYLN ARG, 1/16"-3/4" FRACTURES FILLED W/SALT.

74-74'2"-2"-	SLT ST GREEN DOLOMITIC W/LARGE FRAC FILLED W/SALT.
74'2"-75'10"-20"-	SH, RED, CLAYEY W/LARGE FRAC ½" FILLED W/SALT SCATTERED ANHY INCL.
75'10"-76'5"-7"-	SH RED CLAYEY, TINY HAIRLINE FRACS W/SALT XYLS.
76'5"-77'-7"-	SALT WH XYLN 90% SH RED SLTY 10% IMPURITIES, SCATTERED GREEN SH BLOBS.
77-77'7"-7"-	SALT WH XYLN 95% SH RED SLTY 5% IMPURITIES.
77'7"-83'-5'5"-	AA, 90% AA, 10% AA, 1/16" ANHY BAND 11179, FEW SCATTERED ANHY BLEBS.
83-86'-3'-	SALT 70% AA, 30%.
86-87'-1'-	SALT 80% AA, 20%.
87-88'11"-1'11'-	SALT WHITE XYLN 0%(IMPURITIES, RED SH 10%).
88'11"-90'-1'1"-	ANHY GRY, LITHOGRAPHIC, W/HORIZONTAL BANDED SALT INCL PINKISH WH.
90'-93'3½"-3'3½"-	SALT PINKISH WH, SCATTERED HAIRLINE ZAGED FRACS FILLED W/ANHY.
93'3½"-93'4½"-1"-	ANHY RED GRY BAND ; ARG COLOR PROBABLE DUE TO SHALE COLORATIONS.
93'4½"-96'-2'7½"-	SOFT 90% IMPURITIES SH REDDISH BRN 10%.
96-98'-2'-	SALT WH PK 95% LARGE XYN STRUCTURE, AA, AA, 5%.
98-00'2"-2'2"-	SAME.
00'2"-01-10"-	SALT WH 60%, SH, BRN 40% (IMPURITIES) SCATTERED GREEN SH BLOBS.
01-01'9"-9"-	SH BRN CLAYEY 70% W/30% SALT WH, INCL SCATTERED GREEN SH BLOBS.
01'9"-02'9"-1'-	SHALE, REDDISH BRN 75-80% FRACTURED, (FRAC. HAIRLINE-1" FILLED W/ORANGE SALT SCATTERED LARGE GREEN SHALE BLOBS.
02'9"-04'-1'3"-	SHALE REDDISH BRN 70% SALT 30% FRACTURED INPT, SCATTERED SMALL GREEN SHALE BLOBS. STRINGERS OF SOLID SH.
04-07'5"-3'5"-	SH REDDISH BRN CLYEY 80% (SALT INCL & FILLED FRAC 20%) FRACTS FILLED W/WH & ORANGE SALT-INCREASE IN LARGE GREEN SH BLOBS.
07'5"-13'6"-6'1"-	SALT & SH 50-50 SALT XYLS RESENBLE SPAR[illegible] GYP, SCATTERED GREEN SALT BLOBS.
13'6"-14'-6"-	ANHY GRY DNSE W/1/32 FRACS FILLED WITH SALT.
14-16'-2'-	ANHY GRY DNSE (W/SALT, WH XYLN, INCL. 5%).
16-17'-1'-	ANHY GRY DNSE W/SCATTERED INDIVIDUAL COLORLESS, INSOLUABLE SALT CUBES:-SECTION BLEEDING SW. FEW HAIRLINE FRACS ANHY APPEARD DOLO.
17-21'-4'-	ANH GRY DNSE 60%, 40% SALT INCL (RESIDUE TESTS INDICATES SD LIKE PARTICLES SCATTERED THROUGHOUT IN SMALL CLUMPS) DOES NOT REACT IN ACID, INSOL IN WATER.

21-21'4"-4"-	SAME.
21'4"-21'5"-1"-	SH STREAM W/SALT FILLED FRACT (HORIZANTAL) IN MIDDLE.
21'5"-21'6"-1"-	ANHY AS ABOVE.
21'6"-22'5½"-1'½"-	SALT ORANGE & WH COMBINATION 95%, 5% IMPURITIES, (HORIZANTAL ½" FRACT & 1222 FILLED W/-RY ANHY).
22'5½"-23'-6½"-	SH REDDISH BRN CLYEY INTERMIXED 60% W/SALT WH XYLN 40%.
23-23'5"-5"-	SALT ORANGE CRUMELY.
23'5"-23'9"-4"-	SH GREEN CLYEY SLTY W/FEW SALT INCL.
23'9"-26'5"-2'8"-	SH RED CLYEY, 90% W/10% SALT FILLED FRACS AND INCL.
26'5"-28'-1'7"-	AA, 50% SALT WH XYLN 50% INTERMIXED.
28-29'-1'-	AA, 25% AA, 75%.
29-31'-2'-	SALT 90% WH XYLN, 10% RED SH IMPURITIES. SCATTERED FLECKS OF GREEN SH.
31-34'-3'-	SALT WH W/ORANGE TINT, 95%, 5% ORG SH IMPURITIES W/SCATTERED VEINS OF WH ANHY.
34-35'-1'-	SALT WH, 90%, 10% REDDISH BRN SH IMP.
35-36'-1'-	SALT WH PINKISH CAST, 90% AA, AA, AA, 10%.
36-38'8"-2'8"-	AA, AA, ORANGE AA, 95% REDDISH ORG IMP 5%.
38'8"-40'-1'4"-	SH RED 90% CLAYEY W/HAIRLINE, ½" FRAC FILLED W/SALT (10 %).
40-41'-1'-	SAME, SHALE FLECKED W/GREEN SHALE BLOBS.
41-42'-1'-	SH AS ABOVE 80%, SALT 20% WHITE XYLN INTERMIXED.
42-43'-1'-	SH RED 20% (IMPURITIES) SALT 80%.
43-43'8"-8"-	AA, 30% AA, AA, 70%, ALSO SALT FILLED FRACS.
43'8"-47'-3'4"-	AA, 20% BEADED & IMPURITIES AA, 80% WH XYLN BEDDED AND IN FRACS FLECKS OF GREEN SHALE THROUGHOUT.
47-49'-2'-	75% SH RED W/GREEN SH BLOBS, SALT 25% IN FRACTURES.
49-50'-1'-	SALT 90% WH WYLN W/10% RED SH IMPURITIES.
50-51'-1'-	SALT 80% WH GLASSY XYLN W/20% SLTY SH REDDISH ORG IMP & BEDDED FRACS FILLED W/SALT & ANHY.
51-52'3"-1'3"-	SALT 25% SH 75% HAIRLINE FRAC FILLED W/SALT & ANHY SCATTERED GREEN SH BLEBS.
52'3"-53'2"-11"-	SALT 100% WAXY LUSTER, OFF SHADE OF WH.
53'2"-54'9"-17"-	SALT 100%, WH PK W/FEW SCATTERED ORG BLEBS. @ 54.5 BLUE GRY

	ANHY FILLED FRAC.
54'9"-55'-3"-	AA, AA, (10% ORANGE & WH BLEBS) SLEE- WXY, DULL LUSTER.
55-56'8"-1'8"-	SALT F XYLN APPEARANCE, DULL RED COLOR WAXY, SOFT, REDDISH ORANGE BLEBS & IMPURITIES, REDDISH ORANGE SALT SURROUND WH SALT BLEBS.
56'8"-57'7"-11"-	SALT OFF COLOR WH, SEMI WXY BEC MORE XYLN, 15% ORANGE BLEBS.
57'7"-59'-1'5"-	AA, AA, AA, AA, 2% ORG BLEBS (58'3" HAIR LINE ANHY STRINGER).
59-59'1"-1"-	ANHY BLUE GRY DNSE W/GREEN SLT ST INCL.
59'1"-61'-1'11"-	SH RED, SLTY 90%, W/SALT & GREEN SH BLOBS INCL, ALSO SALT FILLED FRACS.
61-62'8"-1'8"-	AA, AA, AA, 70% W/30% SALT INCL, @62'3" INCL OF ORANGE SALT.
62'8"-65'-2'4"-	SALT 70% WH XYLN W 20% REDDISH BRN SH IMP.
65-65'8"-8"-	SH 90%, 10% SALT INCL.
65'8"-67'7"-1'11"-	SALT WH XYLN 90%, (10% SH RED IMP W/HAIRLINE FRACS FILLED W/ANHY.
67'7"-70'-2'5"-	AA, AA, AA, 100% SCATTERED WH BLEBS AND TRC ORG BLEBS LESS THAN 1%, ANHY STRINGERS @70'.
70-71'6"-1'6"-	SALT, ORANGE TINT 5% W/ORANGE BLEBS. SCATTERED THROUGHOUT.
71'6"-72'-6"-	SALT AA, AA, (5%ANHY, JAGED STRINGERS, TRC ORG BLEBS).
72-73'3"-1'3"-	AA, W/SCATTERED WH CLEAR BLEBS, WXY.
73'3"-73'6"-3"-	SALT & ANHY INTERMIXED.
73'6"-74'8"-1'2"-	SH RED CLAYEY, 90% W/GREEN SH FLECKS-(10% SALT FILLED FRACS).
74'8"-77'-8"-3'-	SALT & ANHY INTERMIXED.
77'8"-78'9"-1'1"-	AA, 30% AA, 70%.
78'9"-80'-1'3"-	AA, 60% AA, 40%.
80-81'-1'-	AA, 80% AA, SH GREEN SLTY, INTERMIXED.
81-83'4"-2'4"-	90% AA, WH PK (10% BROWNISH RED SH IMP, FEW SCATT WH BLEBS).
83'4"-87'9"-4'5"-	SALT WHITE W/PINKISH CAST 95% SCATTERED WH BLEBS (10% RED CLY IMPURITIES). (85-85'3" GREEN SLTY SH INCL).
87'9"-91'9"-4'-	SALT WH XYLN.
91'9"-92'-3"-	WH SALT & GREEN SOFT SH INTERMIXED.
92-93'-1'-	SHALE RED CLAYEY 90%, 10% SALT INCL.
93-94'-1'-	SALT OFF WHITE WXY LUSTER SCATTERED WH BLEBS 90% SH GREEN, 10% INCL.

94-94'4"-4"-	SALT OFF WHITE WXY, SOFT.
94'4"-98'-3'8"-	SALT WH, 80% SH RED IMPURITIES 20% SCATTERED ANHY STRINGERS HAIR-LINE.
98-99'-1'-	SALT WHI FEW HAIRLINE ANHY INCL.

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DRILLING RECORD

WELL NAME: NMA Core Test #27

WELL LOCATION: NW NW 6 - 16N - 25E

WELL ELEVATION: 5689 K.B.

CONTRACTOR: Sojourner Drilling Co

SPUD DATE:

SIZE HOLE DRILLED: " TO "

TYPE DRILLING FLUID:

SURFACE CASING:
SIZE " WT. NO. SACKS CEMENT
CEMENTING DEPTH:

SIZE HOLE DRILLED: 8¼"

TYPE DRILLING FLUID: GEL

INTERMEDIATE CASING:
SIZE 7 ", WT. 20# ; NO. SACKS CEMENT 25sx

CEMENTING DEPTH

SIZE HOLE DRILLED OR CORED:
6¼ " FROM 1140 TO 1560 SEE BELOW
" FROM TO
" FROM TO
" FROM TO

DRILL STEM TESTS:
NONE

NO. BITS USED: 1

ELECTRIC LOGS RUN:
TYPE FROM TO
FROM TO

ABANDONMENT:
NO. SACKS CEMENT FROM TO
FROM TO

WAS CASING PULLED?
DEPTH PULLED, LEFT
FEET RECOVERED
FEET NOT RECOVERED

DATE DRILLING RIG RELEASED: 2-10-65 10:00 p.m.

COMPANY REPRESENTATIVE: James S. Bailey

SPECIAL NOTES: UNUSUAL DRILLING PROBLEMS ENCOUNTERED, ETC.
1140-1142 DRILLED; 1142-1298 CORED; 1298-1560 DRILLED. LOST CIRCULATION @ 760' - LOST MUD WHILE DRILLING TO 881'. ~~XXXXXXXXXXXXXXXXXX~~. LOST CIRCULATION @ 881' LOST MUD WHILE DRILLING TO 1065'. LOST CIRCULATION @ 1065' LOST MUD WHILE DRILLING TO 1140'.

DO NOT REMOVE FROM FILE

ARKANSAS-LOUISIANA GAS CO.
HOLBROOK, ARIZONA
RECEIVED
MAR 1 1965
GEOLOGICAL
DEPT.