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GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR SHAKESPEARE OIL Co., Inc.
 LEASE HABIGER #1-28
 FIELD WILDCAT
 LOCATION 1980 FSL & 580' FEL
 SEC. 28 TWP. 17^S RGE. 31^W
 COUNTY SCOTT STATE KS

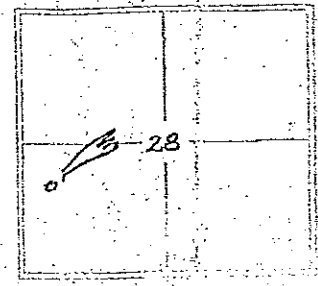
ELEVATION
 KB 2947'
 DF _____
 GL 2942'
 Measurements Are All
 From K.B.

CONTRACTOR WU DRILLING Rig # 8
 COMM. 6-18-12 COMP. 6-30-12
 RTD 4700' LOG TO 4706'
 SAMPLES SAVED FROM 3750 TO T.D.
 DRILLING TIME KEPT FROM 3700 TO T.D.
 SAMPLES EXAMINED FROM 3750 TO T.D.
 GEOLOGICAL SUPERVISION FROM 3800 TO T.D.
 LOG UP 3353' TYPE LOG CHEMICAL
 API # 15-171-20860-00-00

CASING RECORD
 SURFACE 8 5/8 @ 260
 PRODUCTION N/A

WELL LOG SURVEYS
 ARRAY INDUCTION,
 PHOTO-DENSITY,
 COND & MICRO
 WEATHERFORD

FORMATION	LOG		SAMPLE		STRUCT. COMP.
	TOP	DATE	TOP	DATE	
ANHYDRITE	2298	(+649)	2295	(+652)	
BASE/ANHY	2318	(+629)	2318	(+629)	
HELBNER	3905	(-958)	3898	(-951)	
LANGSAY	3945	(-998)	3938	(-991)	
MUNCIE CREEK	4112	(-1165)	4115	(-1168)	
STARK SHALE	4206	(-1259)	4206	(-1259)	
BKC	4293	(-1346)	4291	(-1344)	
MARMATON	4337	(-1390)	4341	(-1394)	
PAWNEE	4411	(-1464)	4422	(-1475)	
CHEROKEE SH.	4487	(-1540)	4488	(-1541)	
JOHNSON	4526	(-1579)	4481	(-1584)	
MORROW SH	4558	(-1611)	4546	(-1599)	
MISSISSIPPIAN	4567	(-1620)	4565	(-1618)	



REFERENCE WELL FOR STRUCTURAL COMPARISON: SLAWSON EXPLORATION, INC
#1 HABIGER, SE-SE-30, SEC. 28-T13-R31W

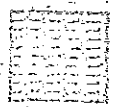


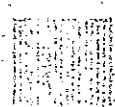
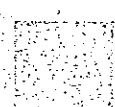
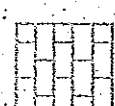
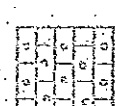
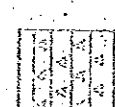

REMARKS: IT WAS RECOMMENDED & AGREED UPON BY ALL PARTIES CONCERNED THAT THIS WELL BE PLUGGED & ABANDONED ON 6-30-12

RESPECTFULLY SUBMITTED

BY: *Patrick J. Deenihan*

PATRICK J. DEENIHAN
PETROLEUM GEOLOGIST

LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Gyps
-  Gyps sh
-  Limestone
-  Goliath
-  Chert
-  Dolomite

SCALE 1" = 100'

DEPTH	SAMPLE DESCRIPTION	REMARKS
0-18-12	MURM	
0-19-12	600	
0-20-12	2640	
0-21-12	3895	
0-22-12	3988	
0-23-12	3988	
0-24-12	4150	
0-25-12	4210	
0-26-12	4290	

6-27-12 = 8458
9-28-12 = 4560
6-29-12 = 1700

22.50

ANHYDRITE

2295 (7002)

2300

BASE/ANHYDRITE

2378 (7629)

MUD. CO / SERVICE MUD. INC.

3579

WT: 8.8 DT: 8.8 AL: 7.2
CMC: 1500 LCM: 30

3700

50

25, CRIM. GRAY - SING - P-556 76
CHERRY

SM, BLACK - DK GRAY

SM, VARI - COLOR

25, CRIM. GRAY - SING - P-556 76
CHERRY - No. 580 03

SM - GRAY

25, CRIM. GRAY - SING - P-556 76
SM - F556 - CHERRY - No. 580 03

25, A/A

SM, BLACK - CARB

SM, VARI - COLOR

3900

LS, CRM, TAN, SNG - FSS - P. 1188
 NO. 51000

LS, CRM, TAN, SNG, MOTT - PEN -
 XON P. FSSL - SHALEY

LS, CRM, TAN, SNG, MOTT - PEN -
 CLIFFSOL 100. 51000

SH, GR, GRN, DRNGE - ARGIL

SH, GRYS - GRN - ARGIL

LS, CRM, GRV, MOTT - P. FSSL
 V. 5 HALEY

SH, GRV'S

LS, GRV, MOTT - P. FSSL V. CHARMY
 P. 50 - XON - NO. 51000

SH, GRV, DRNGE, BRN - ARGIL

SH, BLACK CARB

SH, VAR - SOLOX - PSEDOM. GRV

3900

WIPONER SHALE

3898 (-95T)

TORONTO

3918 (-971)

LANSING

3938 (-991)

-CFS-

-CFS-

-CFS

GET STUCK ON SHORT TRIP
SPOTTED 60 OIL SPARKED FOR
4 HRS - GOT LOOSE ON 1ST PULL

DST #1 (3964' - 3988)

30" - 30" - 25" - 60"

IF: GUY TO 1/2" - NO RETURN

FF: GUY TO 1/2" - NO RETURN

REC: 144' 1900 W/TRE OF OIL

IMP: 1225 FMP: 1851

IFP: 1545 FAP: 4877

ISIP: 979 FSIP: 982

GMT: 1220 GIL: 1500 (394)

VIS: 65 WT: 9.0 NL: 6.4

-CHL: 1300 LCM: 2.4

DST #2 (4018' - 4037)

15" - 30" - 15" - 60"

IF: 808 W/2" - NO RETURN

FF: 808 W/2" - NO RETURN

REC: 1302 (64 W/TRE OF OIL)

IMP: 2012 FMP: 1849

IFP: 98249 FAP: 455477

ISIP: 1029 FSIP: 1029

GMT: 1310 GIL: 2400

L5, WHT - 4 FT 4 IN - SING - FISS - TO
NO SPARK

L5, WHT - 7 IN - FISS - CHARLEY

SN - 5 IN - 4 IN - BURN - 18 IN

L5, WHT - CHARLEY - FISS - TO - 5 IN - OIL

L5, GRAY - FISS - OIL - TO - SIMILAR - 5 IN
F - 1/2 IN - NO PART - NO SPARK

L5, GRAY - SING - SHORT - BURN
FISS - OIL - F - 1/2 IN - CHARLEY
NO SPARK

SH, GRAY - 5 - 18 IN - TO - VARI - 1000

L5, WHT - 4 IN - SING - FISS - 1000 TO
OIL - OIL - 5 IN - SUB - CHARLEY - NO
OIL - NO SPARK

L5, WHT - 4 IN - SING - FISS - OIL - TO - 50
OIL - OIL - 5 IN - SUB - CHARLEY - NO
OIL - NO SPARK

L5, WHT - SING - CHARLEY

L5, WHT - GRAY - SING - CHARLEY
TO - MICRO - OIL - NO SPARK

L5, WHT - 18 IN - CHARLEY - 1000
F - 1/2 IN - NO PART - NO SPARK

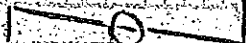
SH, VARI - OIL

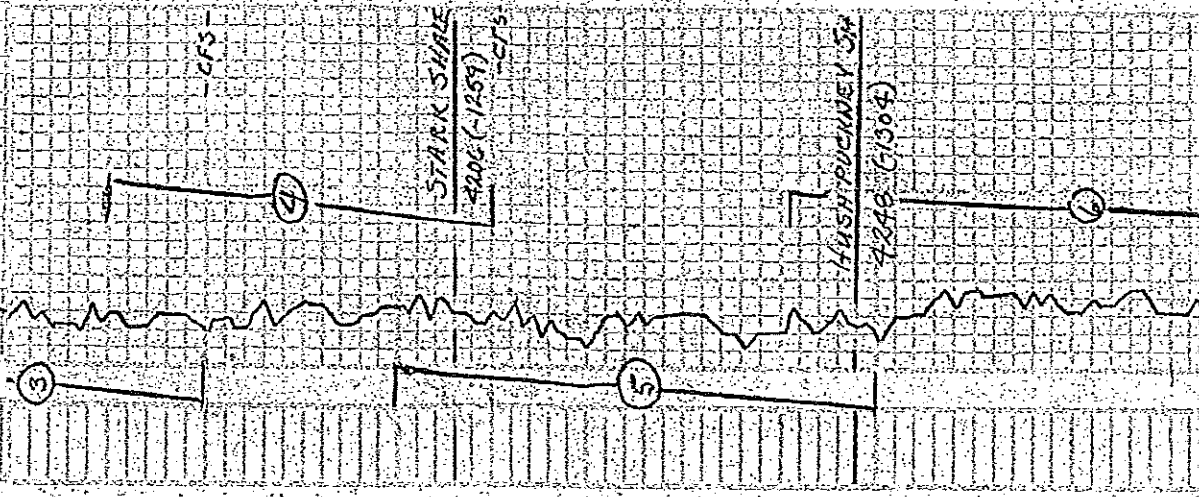
L5, WHT - SING - CHARLEY - 5 IN - 1000
F - 1/2 IN - NO PART - NO SPARK

30

A 114

4000





REC: 70' Mud w/ 10' SPOTS
 IHP: 2046 FHP: 1999
 WTR: 19-43 FFP: 46-68
 ISEP: 866 FSEP: 850
 BHT: 125 CHL: 3400 (SYS)

VIS: LS WT: 8.7 WL: 7.2
 CAL: 2000 LCM: TRC

DST # 4 (4170 - 4210)
 30" - 45" - 36" - 30"
 IF: 1" - No RETURN
 FF: No BLOW - No RETURN
 REC: 80' OCMW FHP: 2005
 IHP: 2069 FHP: 2042 FFP: 45-65
 WTR: 19-43 FSEP: 879
 BHT: 120 CHL: 355000

DST # 5 (4200 - 4250)
 30" - 30" - 45" - 60"
 IF: 1 1/2" - No RETURN
 FF: 1" - No RETURN
 REC: 134' (100') DISC SPOTS
 IHP: 2058 FHP: 1996
 WTR: 26-76 FFP: 79-106
 ISEP: 952 FSEP: 749
 BHT: 130 CHL: 3200 (SYS)

VIS: 49 WT: 8.9 WL: 7.2
 CAL: 5200 LCM: 1M

DST # 6 (4241 - 4296)
 15" - 45" - 75" - 60"
 IF: 208 IN 2 1/2" - No RETURN
 FF: 408 IN 2 1/2" - No RETURN
 REC: 1054 OCMW - 5% OR, 65%
 WTR: 30-40 FHP: 2067
 IHP: 2104 FFP: 34-53
 WTR: 14-384 FSEP: 900
 BHT: 133 CHL: 23,000

LS, GRAY - SING/MOTT - TO XCM
 TO 24" - SING/MOTT TO PART
 60" - SING/MOTT TO SU - 500K
 60" - TO 72" SING/MOTT - OIL
 IS OIL BRN TO SING/MOTT
 SH, BLACK CARB - ABOVE GRAY
 H. 91L

LS, WHIT. GRAY - SING/MOTT
 TO 24" - SING/MOTT TO
 60" - SING/MOTT TO SU - 500K
 60" - TO 72" SING/MOTT TO SU
 FULL FLOOR

LS, WHIT. GRAY - SING/MOTT - V. 852
 TO 24" - SING/MOTT TO SU - 500K
 60" - TO 72" SING/MOTT TO SU
 FULL FLOOR

LS, WHIT. GRAY - SING/MOTT - SU
 TO 24" - SING/MOTT TO SU - 500K
 60" - TO 72" SING/MOTT TO SU
 FULL FLOOR

BKC
4391 (-1344)
-GFS-

MARMATION "A"
4371 (-1392)
-GFS-

MARMATION "B"
4371 (-1424)
-GFS-

MARMATION "C"
4380 (-1471)
-GFS-

4300

4400

5-SEAF FINEST - DRY ABOVE
570 - BUT - CHALKY

SH, BLACK CARB. VARI-COLOR
STILL CARRYING ABOVE COM
6500/7500

SS, WHT COY - NEW - HARD - VAD
6000/6500 - MARY - 20-25-100

SH, ABUND VARI - COLOR - STAY
35, 100, 100, 100, 100

SH, DARK CARB

SH, GRU - GR. FINE

LS, WHT - GR. FINE - V-COMER
FUND - SOL - 55% TO 90%
V-COMER, 25-30% - FINE
V-COMER - 2-300K - 100 FLOUR

LS, ADA - POK SHOD IN DEYS
100 IN. GR. FINE

LS, A/A - 100 IN. M. CR. - FINE
SH, ABUND - 100 - 100 - 100

LS, WHT, GR. FINE - 100 - 100 - 100
SH, 100 - 100 - 100 - 100

LS, ADA - FINE - 100 - 100 - 100

LS, CAN. TA - GR. SING - 100
F. 100 - 100 - 100 - 100
F. 100 - 100 - 100 - 100
6000 - 100 FLOUR

LS, DNT. B. GR. - SING - 100 - 100
100 - 100 - 100 - 100

DST # 7 (4410 - 4450)
30 IN. - 30 IN. 30 IN. - 30 IN.
TF. 100 - 100 - 100 - 100

PAWJEE

4422 (-1475)

MYRIK STAM

4482 (-1305)

EDNET 5057

4464 (-1515)

LENE CHALK SH

4488 (-1541) - CFS

JOHNSON BME

SH, BLACK CARB

SH, TAN-COOR-ORANGE, GRT, GRU, ARGIL

LS, UNT, LT, GRT, SING - FA, 284
FSSL - 9 SGRD, F-000R - DRIF, H
9200 FLUR

LS, A7A - OIL IS SLACK BUT USED
4422 - FA - UNK TO 2041 - 9500
STRONG 000R

SH, BLACK CARB
SH, GRY TO DK GRY

LS, TAN GRT - SING/MOIT - FSSL -
1-001, 04-004, 9500 - FIRM -
9-000, 000R - BRIGHT WHT TO
9-010, FUR

SH, BLK CARB

LS, CRN-LT GRY - SING/SLT - WHITE
F - UNK - P - FSSL - GABRIEL VLN
P - 22-000 STR - STORM 000R
(NO FUR)

LS, A7A

SH, BLACK CARB

LS, CRN GRY - ORATO - UN - 000R - F

4500

LS, GRT - SING/MOIT - MICRO - W
FA - UNK - FSSL - NO SHAW

LS, UNK - LT - GRY - SING/SLT - WHITE
FA - UNK - FSSL - NO SHAW

LS, CRN - TAN - SLT - FSSL - 000R - S
FA - UNK - FSSL - S - SL - FLAVOR
FAINT 000R

SH, VARI COLOR

FF - UNK - BLOW - NO RETURN

REC: 5 MPO
HP: 2302
FFP: 33-578
LSIP: 327
BMT: 1270
FHP: 2197
FFP: 29-24
FSLP: 304
CAL: 4200

VIS: 57 WT 9.3 WLB.0
CAL: 3400 LCM: 14

057-48 (-4500, -4560)

30" - 30" - 30" - 30"
IF: UNK - 3078 - DIED IN 20" - NO RETURN
FF - UNK - 000R - NO RETURN
REC: 5 MPO
HP: 2346
FFP: 21-23
LSIP: 65
BMT: 130
FHP: 2191
FFP: 29-24
FSLP: 57
CAL: 3700 (CYS)

9587 (1584)

MARROW - 5 INCH

4546 (-159)

MISSISSIPPIAN

4565 (-1615)

4600

LS. WHT. GRAY - LOOK SIMPLY
ORIGHT WHT. SLT - 500 - 1000
SLT - 500 - 1000 - 1000 - 1000
FLUR. (SIPUS) - SUGGEST
NEAR - MARINE - NOT IN CHANNEL

LS. WHT. GRAY - LOOK SIMPLY
ORIGHT WHT. SLT - 500 - 1000
SLT - 500 - 1000 - 1000 - 1000
FLUR. (SIPUS) - SUGGEST
NEAR - MARINE - NOT IN CHANNEL

LS. WHT. GRAY - LOOK SIMPLY
ORIGHT WHT. SLT - 500 - 1000
SLT - 500 - 1000 - 1000 - 1000
FLUR. (SIPUS) - SUGGEST
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SLT - 500 - 1000 - 1000 - 1000
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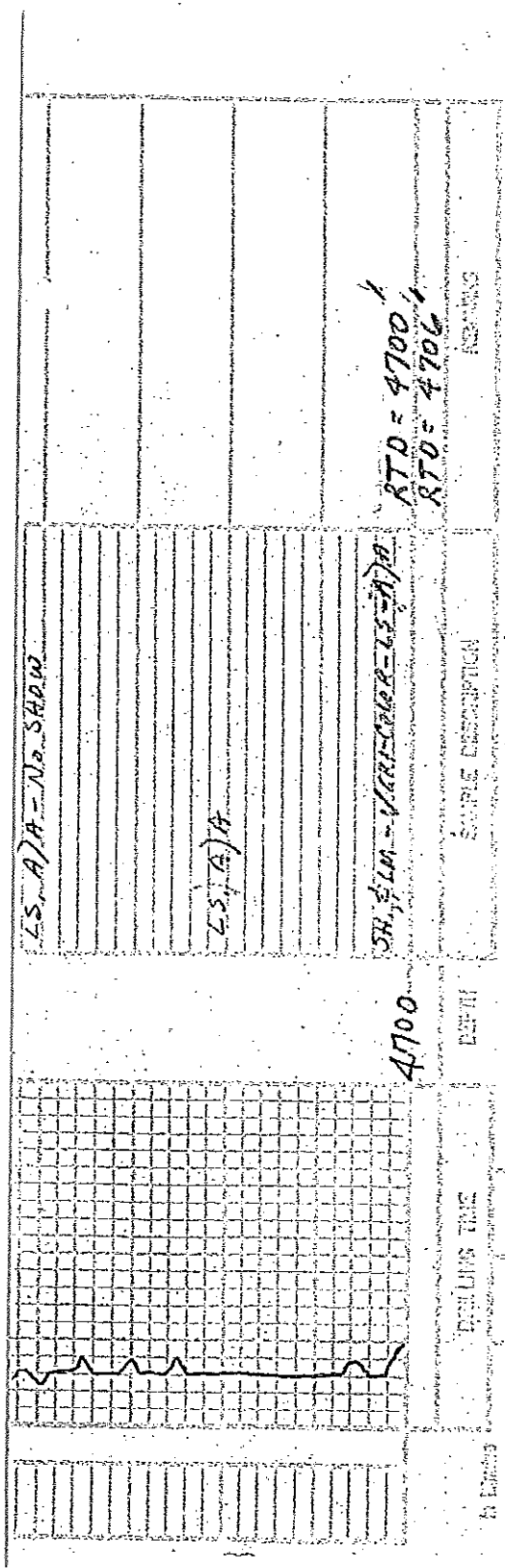
LS. WHT. GRAY - LOOK SIMPLY
ORIGHT WHT. SLT - 500 - 1000
SLT - 500 - 1000 - 1000 - 1000
FLUR. (SIPUS) - SUGGEST
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ORIGHT WHT. SLT - 500 - 1000
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ORIGHT WHT. SLT - 500 - 1000
SLT - 500 - 1000 - 1000 - 1000
FLUR. (SIPUS) - SUGGEST
NEAR - MARINE - NOT IN CHANNEL

LS. WHT. GRAY - LOOK SIMPLY
ORIGHT WHT. SLT - 500 - 1000
SLT - 500 - 1000 - 1000 - 1000
FLUR. (SIPUS) - SUGGEST
NEAR - MARINE - NOT IN CHANNEL

15: 87 BT: 9.3 WL: 8.8
CAL: 3400 ICM: 2 #
BIT TRIP: 1 DST BIT IS SHOT



4700

ES/A/A

SAMPLE DESCRIPTION

RTD = 4700
RTD = 4706

ES/A/A - No. SHAW
ES/A/A
SHAW - VARI-COR-12-A/A