A — **North** — **South**

3.4 miles — 0.1 miles

300152690500
TITAN RESOURCES INC
NEMEYER "A" 3
Reference=KB
Datum=3011.00
2130 FSL 1980 FWL
TWP: 23 S - Range: 28 E - Sec. 15

300152679800
SOUTHWEST ROYALTIES
WITT 1
Reference=KB
Datum=3076.00
SE SE
TWP: 23 S - Range: 28 E - Sec. 33

HIGH ROLLER
GOSSETT SWD 1
Reference=EST
Datum=3000.00
313 FSL & 921 FEL
TWP: - Range: - Sec.

HNG OIL COMPANY
VASQUEZ /4/ COM 1
Reference=KB
Datum=3056.00
1980 FNL/870 FEL
TWP: 24 S - Range: 28 E - Sec. 4

MEWBOURNE OIL CO
YARDBIRDS 3 W2DM FE 1H
Reference=KB
Datum=3062.00
175 FNL & 1070 FWL
TWP: - Range: - Sec.

MEWBOURNE OIL COMPANY
LAYLA 35 MD 1H
Reference=KB
Datum=3041.00
360 FSL/360 FWL
TWP: 23 S - Range: 28 E - Sec. 35

MEWBOURNE OIL COMPANY
LAYLA 35 B2NC FEE 2H
Reference=GR
Datum=3017.00
185 FSL/1670 FWL
TWP: 23 S - Range: 28 E - Sec. 35

Reference=PLN
Datum=2996.00
1980 FSL/1980 FWL
TWP: 24 S - Range: 28 E - Sec. 2

Datum=3010.00
1980 FSL 2310 FEL
TWP: 24 S - Range: 28 E - Sec. 15

15 K/23S/28E
5/17/98 "Upper BRSC" Comp
Pf: 4684-4707
Cum: 32 mbo, 67 mbw
Still Active

33 P/23S/28E
11/26/91 "Lwr BRSC" Comp
Pf: 6096-6167
Cum: 16 mbo, 163 mbw
P&A

1/10 Mile Offset from Proposed SWD

33 P/23S/28E
Proposed SWD Well
Inj Perfs: 2600-3200

4 H/24S/28E
12/25/80 "Atoka" Completion
P&A 1985.
Sqz Pfs: 11416-11432 with 45 sacks cement.
Spot 50 sacks @ 10,700'
Spot 25 sacks @ 9450'
Spot 25 sacks @ 6350'
Cut 7" casing at 5006'
Spot 50 sacks @ 5058'
Tag Plug @ 4946'
Spot 25 sacks @ 2528' (Top of DLWR)
Spot 25 sacks @ 585'
Circ 10 sacks @ 30' to surface.

3 D/23S/28E
7/30/15 "WFMP" HZ Comp
Vertical Mudlog
0.4 miles from Proposed SWD

35 M/23S/28E
12/31/2012 "Lwr BRSC" HZ Comp
Cum: 207 mbo, 1.1 bcf
Still Active

Vertical Mudlog

35 N/23S/28E
9/3/14 "2nd BSPG" HZ Comp

Vertical Mudlog

2 K
12/16/53 Tested Lower BRSC & 2BS Carb.
Non-Prod.
8/19/54 "Lwr CRCN" Comp
Pf: 4676-4684, F/8k gal & 8k# sd.
Cum: 15 mbo
P&A

15 J
10/29/94 "Upper BRSC" Comp
Pf: 4769-4804
Cum: 36 mbo, 96 mbw
Still Active

10% Density Porosity

DLWR
BLCN
Lower BLCN
CRCN
Middle CRCN Mrk
Lower CRCN Mrk
BRSC
Upper BRSC Mrk
Basal Brushy
BSPG
DWCN

0
-500
-1000
-1500
-2000
-2500
-3000
-3500

Bell Canyon
Lower Bell Canyon
Cherry Canyon
Lower Cherry Canyon
Brushy Canyon
Lower Brushy Canyon

Proposed Injection Interval
2500
2600
2700
2800
2900
3000
3100
TD=3200.00

Open Hole from 2528 - 4946

C-103

Gas Increase
LI Green Oil Cut
Petroleum Sheen on Sample
First Dirt Green/Slow Oil Cut

Oil Shows

Current Horizontal Target

Plug @ 4946'
7" Cut @ 5006'
7" Casing Left in Hole

WELL RECORD

OCD Well Record

REQUEST FOR (OIL) - (GAS) ALLOWABLE

OCD Allowable

Structure Top of BSPG (C.I. 100')

23S 28E
24S 28E
0.59
0.6
0.67
0.67

Oil Conservation Commission
Case No.
Exhibit No.

Cross Section Exhibit
High Roller
SWD Offsets A-A'

TD=6450.00
Cum Oil All Zones: 32 bbls
Cum Water All Zones: 67 bbls

TD=6300.00
Cum Oil All Zones: 16 bbls
Cum Gas All Zones: 0.1 BCF
Cum Water All Zones: 163 bbls

TD=13000.00
Cum Gas All Zones: 0.2 BCF
Cum Water All Zones: 1.2 bbls

TD=10000.00

TD=7000.00
Cum Oil All Zones: 172 bbls
Cum Gas All Zones: 0.9 BCF
Cum Water All Zones: 442 bbls

TD=9000.00
Cum Oil All Zones: 28 bbls
Cum Gas All Zones: 0.0 BCF
Cum Water All Zones: 69 bbls

TD=9290.00
Cum Oil All Zones: 15 bbls

TD=4912.00
Cum Oil All Zones: 33 bbls
Cum Water All Zones: 92 bbls