

THE WESTERN COMPANY
Cement Evaluation
Gamma Ray

COMPANY **GREAT WESTERN DRILLING COMPANY**

WELL **LEONA RD. 882**

FIELD **JALINTA**

COUNTRY **USA** STATE **NEW MEXICO**

Latitude
 LONG. **N. 4. W. 316.52**
 1-2-53 N-37-4

Other Remarks:

7666-27
 GROUND LEVEL **3313**
 11 above pump, 4000

Est. R.P.
 G.L. **3275**

Log measured from _____
 Logging measured from _____

Run	5-7-66	5-7-66
Run in	0.1	0.1
Type Log	Gamma	GAMMA RAY
Depth	6602	6602
Depth-Counter	3105	3200
Counter Interval	15	15
The Target Interval	2600	2100
Type Scale in		
Subsity, PPM G		
Purity		
Lead		
Run on Supply, Day 2		
Operating, 14.5		
Wired log	VARIABLE	

ROD LOG RECORD				CASING RECORD		TS
Run	Run	From	To	Run	W.D.	
				5-7-66	0	1200
				5-8	17	3670

[illegible]

LANE		RADIOACTIVITY LOG		WELLS	
COMPANY				FILE NO.	
Location of Well		COUNTRY: STANDARD OIL & GAS CO.			
WELL:		# JYTES 38" 11			
FIELD:		JOHNS-PAI			
COUNTRY:		LEA STATE: R. N.			
LOCATION:		1900' PER. & 940' PER.			
SEC:		4 - 666 - 978			
LOG HEAD FROM DEPTH TABLE		REV. 33284			
DATE: HEAD FROM DEPTH TABLE		REV. 33284			
PERM. DATE:		9 8/8" CO. HD. PER. REV. 5314.0			
TYPE OF LOG		LUMINA LAD		REUTERS	
RUN NO.		1		1	
DATE		3-7-62		7-7-62	
TOTAL DEPTH (ALLER) STRAIN		3700'		3700'	
EFFECTIVE DEPTH (ALLER)		3700'		3700'	
TOP OF LOGGED INTERVAL		3700'		3700'	
BOTTOM OF LOGGED INTERVAL		3700'		3700'	
TYPE OF FLUID IN HOLES		66'		66'	
FLUID LEVEL		66'		66'	
REMARKS RECORDED THAT		NEUTRON SOURCE STRENGTH & TYPE		400	
SOURCE SHADING - IN		6.15		6.15	
LENGTH OF MEASURING PERIOD		30		30	
D.O. OF INSTRUMENT - IN		5/8		5/8	
TIME CONSTANT - SECONDS		5		5	
COUNT RATE - PER MIN.		5		5	
STATISTICAL VARIATION - IN		5		5	
SENSITIVITY APPARENT		5		5	
RECORDED BY		WTS		WTS	
WITNESSED BY		BECHEM/STANLEY		BECHEM/STANLEY	
COUNT RECORD					
RUN NO.	RTZ	CALING	WT-L	NO WITH PERIOD	INTERVAL
1	15 3/4"	9 8/8"		2500' TO 1800'	FROM 8' TO 106'
1	7 3/4"			1800' TO 1900'	106' TO 113'
1	5 3/4"			1900' TO 3700'	113' TO 3700'

+ 400'

Perf. 1/2992-3109'
A/5000 gal
Swb. dry
well frac
w/20,000 gal.
ref. oil, 40,000#
sd @ press. 3800-
3900 psi.

Test. 5-28-66: Perf. 3001-3184' (overall)
1153 MCFGPD thru
18/64 ch; @ 440
psi TP

TD 3624' PB 3579'
COMP 4-29-39
IP 97 BOPD
OWWO 11-4-66
OTD 3624' TD 3624'
IPF 1.153 MMCFGPD (YATES)

Old perfs 3537-3603'

Perf. 10/3537-42
6/3551-54
24/3566-78
12/3581-87
14/3596-603
36/3654-72
12/3678-84
A/250
SF/30,000 + 45,000#
P/14 BLO + 106 BXW/24

TD 3720' PB 3640'
COMP 5-13-61
IPP 21 BOPD + 83 BXW (QUEEN)
GRAV 35.4 GOR 3365

OWWO 10-19-67
OTD 3720 PB 3400
IPAOF 0.538 MMCFGPD (YATES)

TANSIL

YATES

7 RIVERS

Perf. 40/2994-3004
24/3010-16
32/3024-32
48/3038/50
16/3060-64
56/3080-94
56/3112-3124
232/3172-3230

B'
SOUTH

—+ 400'

DST 2965-3126', Op 1'5"
Gas in 3", 280 MCFPD
Rec 400' of O&GCM
FP 240, SIP 1360/15"

DST 3152-326', Op 2'
mud & gas 4, 5,000 MCFPD,
Rev out, FP 960,
SIP 1235/30"

DST 3326-478', Op 1'7"
Rec 30' mud

DST 3480-608', Op 2'
Gas 50", Rec 180' GCM
FP 255, SIP 410/15"

TD 3712' PB 3616'
COMP 5-18-52
IPP 12 BOPD (QUEEN)
IPF 13.5 MMCF/DPD (YATES)
GRAV 34 GOR -

INDEX MAP

R-37-E

29

28

1

Tes. Pac Wt' "A"

Brinsley U.S.

Gocle

Gocle

Tes. Pac

B.A

A.R. Co.

R.W. Carson

F. Brinsley U.S.

Reserve G.B.G.

Q.T. Westh.

Gerry

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

R.W. Carson

Texaco MCT-1

Shell-S

Brinsley U.S.

Amoco

A.R. Co.

Courtland - Myers

Tes. Pac

V. Cema

Courtland - Myers

Myers - Fao

Myers - U.S.

Amoco

Texaco

Fanning

Amoco

B

STRUCTURAL
CROSS SECTION B-B'
(NORTH-SOUTH)

FIELD- JALMAT		County LEA		State N. MEX.
Engineer W. P. A.	Drwn. H's	Date 7-16-79	File ALPHA 21 CORP.	
D. E. RADTKE & ASSOCIATES, INC. 310 WALL TOWERS WEST MIDLAND, TEXAS			EXHIBIT NO.	