

Water @ 25' 30'

Water flow @ 175'

OK to Ready
M.x to
Surface 7-11-02
B

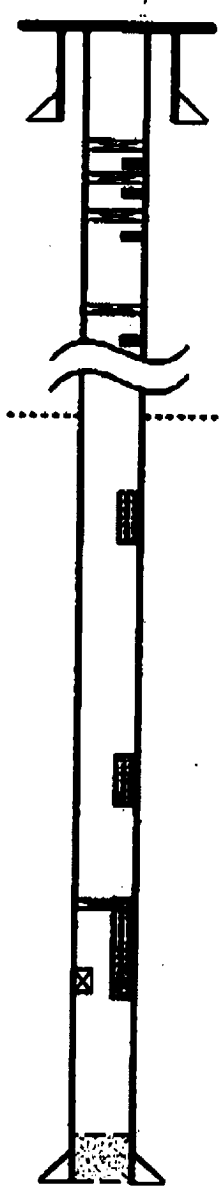
Empire Abo Unit 'B' 40

Potential
Perforation
Zones

Top Yates 527

Gloria to 7604

5 1/2" CBP @ 7650'



- KB at 3675' above sea level (Used as the Datum)
- Well is currently shut in
- Top of Cement at surface
- 8-5/8" - 28# casing set at 738' (11' hole) T.O.C @ Surface
- 4 Squeeze holes at 1080', Squeezed off w/ CR at 1002' 500 SX - 625 SX
- 4 Squeeze holes at 1380', Squeezed off w/ CR at 1315' 625 SX
- 4 Squeeze holes at 1758', Squeezed off w/ CR at 1697' 350 SX
- 4 Squeeze holes at 4900', Squeezed off w/ CR at 4769' 800 SX
- Top of Abo at 6202'
- Perforations 6217' - 6227' Closed off w/ CR
- Perforations 6270' - 6280' Closed off w/ CR
- CBP set at 6300' w/ 4 ex cement on top
- Perforations 6298' - 6315' Closed off w/ CBP
- Junk pkc left in hole at 6315'
- FBTD at 6347'
- 5-12" - 15.5# casing set at 6383' (7 7/8" hole)

150 SX

Well No. B-40

Type of Well

X	Oil
	Gas
	Other

Well API No. 30-015-01558

Lease Name Empire Abo Unit "B"

Type of Lease

X	State
	Fee

Unit 4 to P"

Well Location	2310 ft	From North Line	660 ft	From East Line
Section:	20	Township:	17S	Range:
			28E	County:
				Eddy

Elevation	3675	ft above sea level (RDB)
Top of Abo	2579	ft below sea level
Total Depth	6390	ft
PBTD	6347	ft
KB	10	ft above GL
Datum	KB	(All depths based on KB)

Tubing	
# of Jts	0
Size	
Weight	
Thread	
Class	

Well Status	
	Flowing well
	Pumping well
X	Shut in

CASINGS				
string #	Hole sz.	Depth	Casing Dmtr.	wght.
1	11"	738 ft	8 5/8 in	28#
2	7 7/8"	6383 ft	5 1/2 in	15.5#

OTHER EQUIPMENT (BPs, ETC.)				
Name	Depth	Casing Dmtr.	Notes	
TOC	surface	ft 5 1/2 in		
CIBP	6300	ft 5 1/2 in	w/ 4 ex cmt on top	
CR	4789	ft 5 1/2 in		
CR	1697	ft 5 1/2 in		
CR	1315	ft 5 1/2 in		
CR	1002	ft 5 1/2 in		
Junk	6315	ft 5 1/2 in	Otis pkr parts	

Pay Zone	
Top of Abo	6254 ft to Bottom of Well 6347 ft
Top of Abo	6202 ft Reported

PERFORATIONS					
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments	
6270 ft	6280 ft	4	10/6/1960		
6217 ft	6227 ft	2	10/13/1960		
6298 ft	6316 ft	2	11/28/1962		
4900 ft		4 Squeeze Holes	9/16/1975	Squeezed 9/17/75	
1758 ft		4 Squeeze Holes	9/18/1975	Squeezed 9/18/75	
1380 ft		4 Squeeze Holes	9/19/1975	Squeezed 9/19/75	
1080 ft		4 Squeeze Holes	9/21/1975	Squeezed 9/21/75	

COMMENTS

This well has been perforated to the top of the Abo. There are no further opportunities to perforate in this well.

B-40

Recommend: P&A.

Comments: 1. No up hole potential

2. Casing has 4 sets of squeeze holes and 5 CR's are still in hole.

3. Wire line survey on 10-14-92 indicated cement top inside csg. @ 97'.

4. Will need to negotiate w/ the State on P&A procedure.

TD: Van Barton

From Jerry Guy

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3. Pages