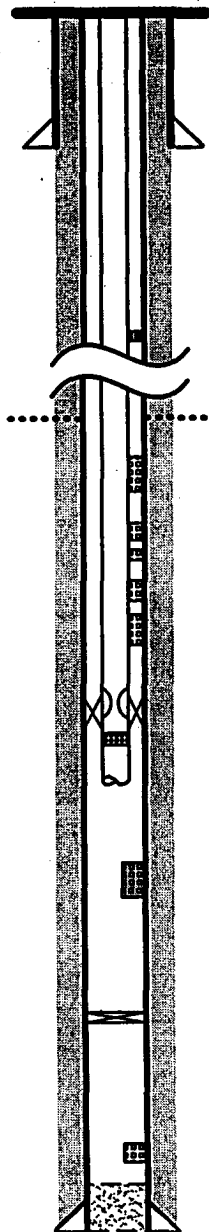


DATE **SEP 27 2003**

Empire Abo Unit 'H' 26

Potential
Perforation
Zones



- KB at 3673' above sea level (Used as the Datum)
- Pumping well
- Top of Cement at surface
- 8-5/8" - 24# casing set at 779' (11' hole)
- 4 Squeeze holes at 2800', Squeezed off
- Top of Abo at 5750'
- Perforations 5770' - 5788' w/ 2 JSPP
- Perforations 5803' - 5811' w/ 2 JSPP
- Perforations 5816' - 5821' w/ 2 JSPP
- Perforations 5831' - 5841' w/ 2 JSPP
- Perforations 5849' - 5863' w/ 2 JSPP
- SN set at 5896', TAC set at 5899' w/ PS and 31 Mud Anchor
- Tubing: 188 jts (5892'), 2 3/8", 4.7#, EUE 8rd, J-55
- Perforations 5972' - 5990' Squeezed off
- OBP set at 6050'
- Perforations 6112' - 6123' Closed off w/ OBP
- FBTD at 6134'
- 5-1/2" - 14# casing set at 6172' (7 7/8" hole)

Well No.	H-26
----------	------

Type of Well

X	Oil
---	-----

	Gas
--	-----

Well API No.	30-015-01659
--------------	--------------

	Other
--	-------

Lease Name	Empire Abo Unit "H"
------------	---------------------

Type of Lease

X	State
---	-------

	Fee
--	-----

Well Location	660	ft	From South Line	1980	ft	From West Line	
Section:	32	Township:	17S	Range:	28E	County:	Eddy

Elevation	3673	ft above sea level (RDB)
Top of Abo	2077	ft below see level
Total Depth	6172	ft
PBTD	6134	ft
KB	10	ft above GL
Datum	KB	(All depths based on KB)

Tubing	
# of Jts	188 (5892')
Size	2 3/8"
Weight	4.7#
Thread	EUE 8rd
Class	J-55

Well Status	
	Flowing well
X	Pumping well
	Shut in

CASINGS					
string #	Hole sz.	Depth	Casing Dmtr.	wght.	
1	11"	779 ft	8 5/8 in	24#	
2	7 7/8"	6172 ft	5 1/2 in	14#	

OTHER EQUIPMENT (BPs, ETC..)				
Name	Depth	Casing Dmtr.	Notes	
TOC	surface ft	5 1/2 in	cmtd w/ 400 sx	
CIBP	6050 ft	5 1/2 in		
SN	5896 ft	5 1/2 in		
TAC	5899 ft	5 1/2 in		
PS	5900 ft	5 1/2 in	w/ 31' Mud Anchor	

Pay Zone				
Top of Abo	5750 ft	to	Bottom of Well	6134 ft
Top of Abo	ft	Reported		

PERFORATIONS				
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments
5972 ft	5990 ft	2	2/16/1960	Closed 11/17/76 w/ cmt
2800 ft		4 Squeeze Holes	5/6/1975	Squeezed 5/7/76
6112 ft	6123 ft	2	11/23/1976	Closed 7/14/00 w/ CIBP
5770 ft	5788 ft	2	7/17/2000	
5803 ft	5811 ft	2	7/17/2000	
5816 ft	5821 ft	2	7/17/2000	
5831 ft	5841 ft	2	7/17/2000	
5849 ft	5863 ft	2	7/17/2000	

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