

13-3/8" O.D. 48# Casing
Set @ 317' Cemented
w/310 sx. Circulated

3-5/8" O.D. 24# & 32# Csg.
Set @ 3216' Cemented
w/1200 sx. Circulated

Gas Injection Flow

Oil Production Flow

Top Abo Reef Formation @
8312 (-4357')

Perforations 8364' - 400'

2-3/8" Tubing - open ended @ 8574'

BFC Model "L" Sliding Sleeve @ 8431'

Baker Model "FR" On-Off Sealing Connector
@ 8553'

Baker Model "D" 44-26 Packer @ 8555'

Perforations:
8725'-29'
8734'-37'
8741'-52'
8755'-62'

P.B.T.D. 8823'

5-1/2" O.D. 15.5# and 17# csg. set @ 8690'
Cemented 1st. Stage w/345 sx. Circulated
through stage collar @ 8883'. Cemented 2nd
stage w/700 sx. No record of TCO, calc @ 73'

Phillips Petroleum Company

BARTLESVILLE, OKLAHOMA

Vacuum Abo Unit
Well No. 10-1

Application for Simultaneous Gas Injection and Oil Production
Loc: 330' F.L., 1980' F.L., Sec. 41, T-18-S, R-35-E,
Lea County, New Mexico

AM

DESIGNED	DATE	1-1-57	APP. NO.	DWG. NO.
CHECKED	DATE	3-1-57		
APPROVED	DATE		SCALE	SHEET NO.